Resource Management Consultants

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November 20, 2009

Kathryn Hernandez
United States EPA
Region 8 Ref: 8EPR-EP
1595 Wynkoop St
Denver, CO 80202

RE: Richardson Flat Phase 3 Task Completion Report – Transmittal Letter

Dear Ms. Hernandez:

On behalf of United Park City Mines Company, Resource Management Consultants, Inc. is submitting the following report to United States Environmental Protection Agency:

- Richardson Flat Phase 3 Task Completion Report.

Please feel free to contact myself or Jim Fricke at 801-255-2626 if you have any questions or require any additional information.

Best regards,

Todd Leeds
RMC

Cc: Mo Slam, UDERR
Kerry Gee, UPCMC

PHASE 3
TASK COMPLETION REPORT
FOR 2009 CONSTRUCTION SEASON

RICHARDSON FLAT TAILINGS SITE

EPA SITE ID: UT980952840

November 17, 2009

Prepared for:

United Park City Mines
P.O. Box 1450
Park City, UT 84060

Prepared by:

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Prepared for:

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P.O. Box 1450
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Prepared by: _____ Date: 11-17-09
Jim Fricke
Resource Management Consultants

Reviewed by: _____ Date: 11-17-09
Kerry Gee
United Park City Mines Company

Reviewed by: _____ Date:
Kathryn Hernandez
USEPA Remedial Project Manager

Reviewed by: _____ Date:
Mo Slam
State of Utah, Department of Environmental Response and Remediation

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1.0 INTRODUCTION

This Task Completion Report (TCR) details the work completed for the Phase 3 2009 Construction Season at Richardson Flat, ID UT980952840, located approximately two miles northeast of Park City, Utah. Phase 3 remedial features are presented in Figure 1-1. The remedy selected by United States Environmental Protection Agency (EPA) at the Richardson Flat Tailings Site (Site) was split into Tasks to facilitate remedy completion and bond release procedures. Phase 3 activities encompass Tasks 5 and 6 (Fig.1-1) as presented in the Remedial Design and Remedial Action Work Plan (RD/RA, RMC 2007a).

This is the third TCR submitted to EPA. The work completed as described in this TCR represents the third of at least four annual phases of construction. Each phase consists of individual or groups of tasks to be completed in single construction season. The Field Construction Plan (FCP) for Task 1 was submitted to EPA and approved on July 16, 2008. The Task Completion Report (TCR) for Task 1 was approved by EPA on July 16, 2008. The FCP for Phase 2, (2008 Construction Season) was submitted to EPA and approved on September 23, 2008. The Task Completion Report (TCR) for Phase 2 was approved by EPA on October 30, 2008. Construction procedures and methodologies documented in this report were described in the Phase 3 Field Construction Plan for 2009 Construction Season (Phase 3 FCP, RMC, 2009) which was approved by EPA on August 17, 2009.

A full description of Site background, investigative history, specifications, health and safety, design elements, project management and construction procedures are presented in the Remedial Design and Remedial Action Work Plan (RD/RA, RMC 2007a).

1.1 Work Performed

Work performed in the Phase 3 2009 Construction included:

Task 5, Area B-1-W:

1) Relocation of the west portion of the South Diversion Ditch (SDD) from its historic alignment to a new location approximately 250 feet south. This activity resulted in removal of approximately 42,790 cubic yards of contaminated material;
2) A New Tailings Storage Area (Area B-1W-RP) was constructed and is located north of the newly relocated diversion ditch and encompasses the area of the old diversion ditch footprint.
3) Additional wetland and riparian areas were constructed along the banks of and associated with the newly relocated diversion ditch (Figure 1-1).
4) Grading and confirmation sampling – approximately 29,800 cubic yards was moved in the grading operation; and

Task 6, Area B-1-W:

1) Contaminated sediments in the former South Diversion Ditch footprint were removed, drainage rock was placed and a PVC liner was installed over the drainage rock. Three feet of clay like soil was placed over the liner and machine compacted.
2) Placement of clean cover soil and revegetation after the completion of tailings placement.

1.1.1 Imported Soil Specifications

As required in the RD/RA work plan, cover and topsoil placed in upland areas contained less than 500 parts per million (ppm) lead and 100 ppm arsenic and topsoil placed in wetland areas, including the South Diversion Ditch, contained less than 310 ppm lead. Imported soil sample results are presented in Section 4.0 and Table 3.0.

2.0 WORK PROCEDURES

Work was conducted according to procedures presented in the Phase 3 Field Construction Plan for the 2009 Construction Season.

2.1 2009 Work Activities

Phase 3 2009 work activities in area B-1-W and the South Diversion Ditch (SDD) consisted of:

- Source removal;
- Creation of a new tailings repository;
- Relocation of the South Diversion Ditch;
- Placement and grading of low permeability cover soil, where required;
- Placement of topsoil, where required;
- Channel reconstruction, where required;
- Wetland construction, where required; and
- Wetland and upland revegetation.

Work conducted in Area B-1-W and the western portion of the SDD located downstream of the main diversion ditch crossing (Figure 1-1) was initiated by the construction of a new ditch and pond system in Area B-1-W. This ditch and pond system was used to replace the west portion of the SDD. Ditch construction began at the road crossing culvert and at the pond located at the terminus of the SDD (Figure 1-1). Upstream water was pumped around the construction area allowing excavation of the new ditch to progress from both ends.

Excavation of contaminated sediments was conducted in the former SDD. After the removal of contaminated sediments, drainage rock was placed to ensure movement of any subsurface water. The drainage rock was installed downstream to an existing

wetland. A 20 mil PVC liner was placed over the drainage rock to create a sealed system to ensure that fines would not impair movement of drain water. Three feet of clay soil was placed and machine compacted over the PVC liner. Tailings from the excavation of the new SDD were placed over the clay creating the new repository area.

Work in Area B-1-W was re-commenced upon the completion of SDD remediation, with the removal and or covering of tailings in the area located south of the diversion ditch and placement of tailings in the newly created repository area (Figure 1-1). One culvert was placed beneath the rail trail to connect one outlying wetland area to wetlands associated with the new South Diversion Ditch alignment (Figure 1-1). Tailings excavated from area B-1-W were placed in area B-1W-RP which previously contained the SDD. All areas containing tailings remaining in-place were covered in accordance with the RDRA. All wetland and upland areas were revegetated in accordance with the RDRA.

2.2 Source Removal

Source removal work was conducted as specified in Section 6.0 of the RD/RA. The following work procedures were conducted:

1) Excavation and construction areas were cleared and grubbed prior to the placement of materials. Clearing and grubbing included the removal of organic matter such as plants, trees and woody material, as well as any other material from the Site. Large non-organic materials such as boulders that interfered with grading were removed as required.

2) Appropriate dust control was conducted during all excavation, soil placement, transport and grading activities.

3) Air monitoring was undertaken during earthmoving activities, in accordance with procedures outlined in Section 11.1.1 or the RD/RA and Section 4.4.5 of the FSP. Air monitoring results are presented in Table 5.

4) Visible tailings materials were excavated from low-lying areas subject to seasonal ponding or interaction with shallow groundwater. Excavation extended to the visual interface between the tailings and native soils. Tailings excavation was guided using a field portable X-ray Fluorescence Meter (XRF). Excavation and transport was staged to avoid the re-contamination of clean areas.

5) Where mine waste was transported to and placed in the Impoundment, the material was graded to conform to general site topography prior to the placement of cover soils.

6) Surfaces and subgrades were graded to approximate final configurations and contours prior to cover and topsoil placement, if required. Subgrades and final graded surfaces were confirmed by conventional survey techniques where applicable.

7) Imported soils were screened with the XRF. A five sub-sample composite was collected for every 5,000 cyds and screened with the XRF. Greater than five-percent of the composite samples were submitted to the laboratory to confirm XRF results. All imported soil met the specifications in Section 1.1.1. with the exception of one sample that is further explained in Section 4.4. Sampling protocol and analytical methodologies are described in the Field Sampling Plan (FSP, RMC, 2007b). Imported soil XRF sample results are presented in Table 3. Lab-XRF QA/QC results are presented in Table 4.

8) Cover soils selected for use at the Site were low permeability, high clay content soils typical of those found in the region. Large rock material was avoided. Clay rich soils located on-site were used as cover material using the same criteria outlined in Section 6.1 of the RD/RA for quality control. A sizeable quantity of clean native materials excavated from the new diversion ditch and other areas were also used as on site cover material.

9) Cover soils placed at the Site were compacted with tracked or equivalent equipment. Compaction methods also included rolling and/or vibrating, as necessary. Cover soils were inspected and approved by United Park or its representatives prior to topsoil placement.

10) The final cover subgrade surface was uniform to allow for the placement of a consistent topsoil layer.

Note: Items 11 through 13 are referred to as General Topsoil Procedures.

11) Final surfaces, grades and erosion control structures were approved by United Park or its representative.

12) Topsoil was screened to remove particles greater than six inches and was suitable to support vegetation. Topsoil was placed to a minimum depth of six inches and contained sufficient organic matter and nutrients to promote revegetation.

13) The seedbed consisted of topsoil placed during remedial activities. Topsoil was lightly compacted and scarified. The seedbed was roughened prior to seeding.

14) Wetland construction consisted of additional grading and the construction of habitat features. Areas were excavated into the shallow water table to provide additional aquatic habitat. Wetland construction is discussed further in Section 2.3. Wetland construction in areas B-1-W and the South Diversion Ditch (Figure 1-1) was conducted to provide additional wetland habitat and to provide compensation for potential Natural Resource Damages.

15) Upland habitat was created adjacent to wetland areas in B-1-W by covering mine waste with at least eighteen inches and up to three feet of clay and topsoil. Upland construction is further discussed in Section 2.4 (Figure 1-1). Creation of upland

habitat was conducted to provide additional compensation for potential Natural Resource Damages.

16) Revegetative seeding and related activities were completed on all remediated areas (upland and wetland).

17) The upland seed mix included a mixture of deep-rooted annual and perennial native grass and forb species. The annual species provide rapid germination to aid in short term revegetation. The short-term revegetation will decrease the runoff potential of the slope and will keep the imported soil in place. Perennial species will provide longer term, more stable revegetation. Wetland areas were revegetated with wetland specific species. Appendix C of the RD/RA contains the seed specifications for the Site.

18) Completion confirmation sampling is detailed in Section 4.0.

2.3 Cover Placement

Cover placement was conducted as specified in Section 6.0 of the RD/RA. The following work procedures were conducted:

1) Dust control measures were implemented during all excavation, soil placement, transport, and grading activities. Water was applied to work surfaces and haul roads as dust control.

2) Surfaces and subgrades were graded to approximate final configurations and contours prior to cover and topsoil placement. Subgrades and final graded surfaces were confirmed by conventional survey techniques where applicable.

3) Imported soils were screened with the X-ray Fluorescence meter (XRF). In addition, five sub-sample composite samples were collected for every 5,000 cyds and sampled

with the XRF. Five percent of XRF-sampled imported soil samples were submitted to the laboratory for QA/QC lead and arsenic analysis. All imported soil met the specifications in Section 1.1.1. Sampling was conducted in accordance with protocols and analytical methodologies as described in the FSP. Sample results are presented in Section 4.0. Imported soil XRF sample results are presented in Table 3. Lab-XRF QA/QC results are presented in Table 4.

4) Cover soils selected for use at the Site were low permeability, high clay content soils typical of those found in the region. Large rock material was removed prior to placement. Clay rich soils from an on-Site stockpile were used as cover material using the same criteria outlined in Section 6.1 of the RD/RA and Section 2.2 of the Phase 2 FCP for quality control.

5) Cover soils placed at the Site were compacted with tracked or equivalent equipment. Compaction methods also included rolling and/or vibrating, as necessary. Cover soils were inspected and approved by United Park or its representatives prior to topsoil placement.

6) The final cover subgrade was graded to allow for the placement of a consistent topsoil layer.

7) Final surfaces, grades and erosion control structures were approved by United Park or its representative.

8) Completion confirmation sampling is detailed in Section 4.0.

9) Topsoil was screened to remove particles greater than six inches and was suitable to support vegetation. Topsoil was placed to a minimum depth of six inches and contained sufficient organic matter and nutrients to promote revegetation.

10) The seedbed consisted of topsoil placed during remedial activities. Topsoil was

lightly compacted and scarified. The seedbed was roughened prior to seeding.

11) Wetland construction consisted of additional grading and the construction of habitat features. Wetland construction is discussed further in Section 2.3. Wetland construction in area F-8 (Figure 1-1) was conducted to provide additional wetland habitat and to provide Natural Resource Damage offsets if any.

12) Revegetative seeding and related activities were completed on all remediated areas (upland and wetland).

13) The upland seed mix included a mixture of deep-rooted annual and perennial native grass and forb species. The annual species provide rapid germination to aid in short term revegetation. The short-term revegetation will decrease the runoff potential of the slope and will keep the imported soil in place. Perennial species will provide longer term, more stable revegetation. Wetland areas were revegetated with wetland specific species. Appendix C of the RD/RA contains the seed specifications for the Site.

2.4 Wetland Construction

Wetland construction in areas B-1-W and the South Diversion Ditch (Figure 1-1) was conducted to provide additional wetland habitat and to provide compensation to any potential Natural Resource Damages. Constructed wetland features included:

- Habitat islands;
- Excavation and grading to provide open water habitat;
- Transitional shoreline areas;
- Flow direction structures including dikes and swales;
- Topsoil placement; and
- Revegetation with wetland specific seed mix and plant species.

All wetland construction procedures were conducted in accordance with the procedures described in Section 2.2. All materials used in wetland construction meet the specifications described in Section 1.1.1 and Section 6.0 of the RD/RA.

2.5 Upland Construction

Upland construction in areas of B-1-W and the South Diversion Ditch (Figure 1-1) was conducted to provide additional upland habitat and to provide compensation to any potential Natural Resource Damages. Constructed upland features included:

- Upland habitat;
- Excavation and grading to provide upland habitat;
- Transitional upland areas;
- Topsoil placement; and
- Revegetation with upland specific seed mix and plant species.

All upland construction procedures were conducted in accordance with the procedures described in Section 2.2 and 2.3. All materials used in upland construction meet the specifications described in Section 1.1.1 and Section 6.0 of the RD/RA.

3.0 STORMWATER MANAGEMENT

Stormwater management was undertaken to:

- Reduce the potential for off-Site migration of sediments, soil and tailings; and
- Eliminate the re-contamination of areas that have been covered or have undergone source removal.

General stormwater management elements included:

- Berms, wattle and/or silt fencing was placed as required to prevent the migration of materials from work areas;
- Sediment barriers and berms were placed in the South Diversion Ditch to capture sediment and prevent downstream migration.
- Hay or straw bale barriers were placed in appropriate ephemeral channel features that drain from work areas. The hay bales were placed downgradient from the silt fence or wattle barriers;
- A supply of hay or straw bales and wattle material was stored on-site during construction; and
- Stormwater runoff protection measures will remain in-place until revegetation efforts are complete.

General procedures to reduce the tracking of contaminated materials into uncontaminated areas included:

- All trucks and equipment working in contaminated materials (e.g. tailings and sediments) were decontaminated prior to working with clean materials. Decontamination procedures are described in Section 11.8 of the RD/RA;
- A stabilized construction entrance was used to remove gross contamination from trucks hauling tailings;
- All trucks and equipment were decontaminated prior to leaving the Site; and
- Dust control measures were implemented as necessary as described in Section 11.1.1 of the RD/RA.

Specific stormwater runoff protection elements implemented prior to and during construction included:

- Work areas in the SDD were isolated with a series of berms constructed from clean soil. Surface water was pumped from each area prior to and during excavation.

4.0 COMPLETION CONFIRMATION

Completion of work is based upon confirmation that the following Phase 3 2009 Construction Season Completion Milestones are complete:

1) Source removal is complete in the Area B-1-W and the west portion of the South Diversion Ditch;
2) Cover placement is complete in Area B-1-W;
3) Reclamation (surface grading and drainage control) is complete;
4) Wetland construction is complete; and
5) Confirmation samples verify source removal and cover installation meets specifications.

4.1 Areas B-1-W and South Diversion Ditch

Source removal in these areas was confirmed using the following methodology:

- Confirmation sampling for lead and arsenic in upland areas.
- Confirmation sampling for lead in wetland areas.

Cover placement Area B-1-W was confirmed using the following methodology:

- Cover thickness confirmation sampling for lead and arsenic concentrations up to a depth of eighteen inches.

Confirmation data was collected on a grid located on 200-foot centers. The South Diversion Ditch was sampled on 100-foot centers. Sample locations are presented on Figure 4-1. Source removal confirmation results are presented in Table 1. Cover depth confirmation sample results are presented in Table 2.

4.2 Source Removal Confirmation

Source removal confirmation requirements are set forth in Sections 1.1 and 3.0 of the Field Sampling Plan (FSP, RMC, 2007c). Source removal confirmation samples were collected at forty-one locations. Samples were analyzed with the XRF. Five XRF-sampled confirmation samples were submitted to the laboratory for QA/QC analysis. Source removal confirmation results are presented in Table 1. QA/QC sample results are presented in Table 4. The sampling results meet applicable standards and requirements for source removal.

4.2.1 Area B-1-W

As provided in the RD/RA, (RMC, 2007a), lead concentrations for source removal in Area B-1-W were set at 500 parts per million (ppm) for soils and 310 ppm for sediments. Average lead concentrations for all source removal confirmation samples in Area B-1-W were 151.4 ppm. Lead concentrations ranged from 68.1-396 ppm. Source removal sample results from this area are presented on Table 1. Source removal sample locations are presented on Figure 4-1.

4.2.3 SDD

As provided in the RD/RA, (RMC 2007a), lead concentrations for source removal in the South Diversion Ditch (SDD) were set at were set at 500 ppm for soils and 310 ppm for sediments. Average lead concentrations for all source removal confirmation samples in the SDD were 108.3 ppm. Lead concentrations ranged from <64 to 203 ppm. Source removal sample results for this area are presented on Table 1. Source removal sample locations are presented on Figure 4-1.

4.3 Cover Thickness Confirmation

As provided in the RD/RA, (RMC 2007a), minimum depths for cover materials were to be confirmed by methods described in the FSP (RMC, 2007c). In accordance with these verification standards, the thickness of clean cover was measured at thirteen locations in B-1-W. Cover sample depths and XRF results are presented are presented in Table 2. The results indicate that cover placement is complete and all areas measured contain at least eighteen inches of cover as specified in the RD/RA and Phase 2 FCP.

4.4 Imported Soil Sampling

As provided in the RD/RA, (RMC 2007a), imported soils were to be screened by using procedures described in the FSP (RMC, 2007c). In accordance with these standards, imported soil sources were screened with the XRF; in addition, five sub-sample composite samples were collected for every 5,000 cyds of imported soil. Two imported soil samples were sampled with the XRF and three imported soil samples were submitted to the laboratory for lead and arsenic analysis. Imported soil sample results are presented in Table 3. All cover and topsoil used in upland areas contained less than 500 ppm lead and 100 ppm arsenic. There was one exception to the above results, sample SLB1W-1, was collected on October 13, 2009 from a stock pile of topsoil contained 1,200 ppm lead (Table 3). By the time analytical results were available the topsoil was spread near cover sample location 3H. Followup XRF and laboratory sampling indicated that the off-specification soil was no longer off-specification. Five XRF and two laboratory samples were collected in this area with an average lead concentration of 111 ppm. All cover and topsoil used in wetland areas contained less than 310 ppm lead. Sampling was conducted in accordance with protocols and analytical methodologies as described in the FCP and FSP.

4.5 QA/QC Sampling

In accordance with the QA/QC Plan presented in the FSP (RMC, 2007c), three of thirty-eight source removal and two of thirty-nine cover depth confirmation samples were submitted to American West Analytical Laboratories for XRF-Lab confirmation. Duplicate laboratory samples were also submitted. This exceeds the five-percent QA/QC criteria specified in the FSP. The laboratory samples contained 9.5 to 190 ppm lead. Relative percent differences for XRF and laboratory results ranged from 9.53% to 135.4% for lead. The high RPD values are related to the low metals concentrations in the soil samples analyzed, a small difference in low concentrations will lead to a high RPD. QA/QC sample results are presented in Table 4.

Two duplicate soil samples were submitted to American West Analytical Laboratories for QA/QC. Analytical laboratory lead concentrations ranged from 9.9 to 150 ppm. Relative percent differences for duplicate samples ranged from 23.5% to 34.3%. The high RPD values are related to the low metals concentrations in the soil samples analyzed, a small difference in low concentrations will lead to a high RPD. QA/QC sample results are presented in Table 4.

4.7 Air Monitoring

In accordance with Section 4.4.5 of the FSP (RMC, 2007c), six air samples were collected from site workers. Lead concentrations ranged from <0.390 ug/m3 to 2.434 ug/m3. Three of the six samples contained lead concentrations below laboratory detection limits, an average was not calculated. These levels are significantly below the OSHA Action Level and PEL for lead of 30 ug/m3 and 50 ug/m3, respectively. Six offsite ambient air samples were also collected upwind and downwind of the Site, in accordance with Section 4.4.5 of the FSP (RMC, 2007c). Lead concentrations ranged from <0.354 ug/m3 to <0.692 ug/m. All samples contained lead concentrations below laboratory

detection limits, an average was not calculated. These levels are significantly below the National Ambient Air Quality Standard for lead of 1.5 ug/m3, quarterly average.

5.0 REFERENCES

Resource Management Consultants, Inc (RMC), 2007a, Remedial Design/Remedial Action Plan (RD/RA), Richardson Flat, Site ID Number: UT980952840, With Attached Work Plan.

Resource Management Consultants, Inc (RMC), 2007b, Phase 2 Field Construction Plan for 2008 Construction Season, Richardson Flat, Site ID Number: UT980952840.

Resource Management Consultants, Inc (RMC), 2007c, Field Sampling Plan, Remedial Investigation, Richardson Flat, Site ID Number: UT980952840, With Attached Work Plan.

Resource Management Consultants, Inc (RMC), 2007c, Health and Safety Policy, Remedial Investigation, Richardson Flat, Site ID Number: UT980952840, With Attached Work Plan.

CONTAINMENT DIKE

TASK 5 TEMPORARY REPOSITORY

TASK 6 REMOVE SDD SEDIMENTS

TASK 5 RELOCATED SOUTH DIVERSION DITCH

B-1-W

TASK 5, B-1-W SOURCE REMOVAL SOIL COVER WETLAND FEATURES

TAILINGS SOUTH OF DIVERSION DITCH

TASK 5 RELOCATED SOUTH DIVERSION DITCH

B-1-W

TASK 5, B-1-W SOURCE REMOVAL SOIL COVER WETLAND FEATURES

TASK 5 WETLAND FEATURES

SOUTH DIVERSION DITCH

CULVERT

HISTORICAL RAILROAD GRADE

LEGEND

REMEDIATION AREA BOUNDARY

WETLAND AREA

UPLAND AREA

NOTE: LOCATIONS APPROXIMATE, NOT SURVEYED

N

SCALE
0 50 100 150 200
FEET

RICHARDSON FLAT RDRA

PHASE 3 TCR
FIGURE 1-1
COMPLETED REMEDIAL FEATURES

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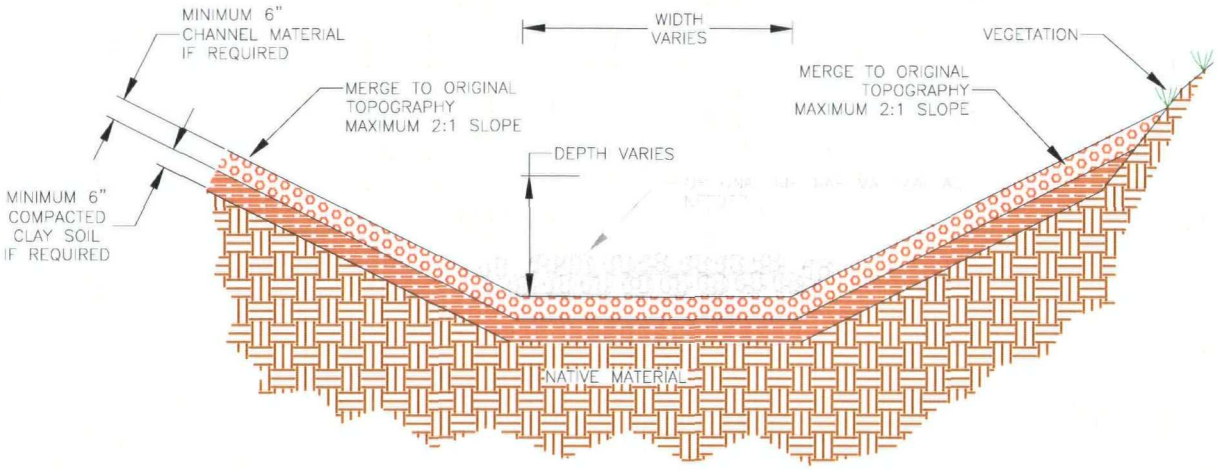
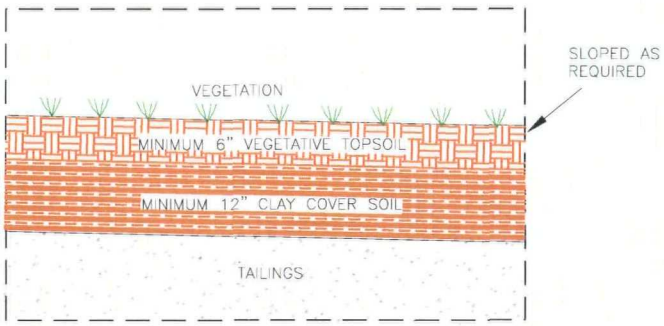
NOVEMBER 2009

2009 phase 3 tcr figure 4-1



CHANNEL CONSTRUCTION TYPICAL DETAILS



COVER SOIL
TYPICAL DETAILS

TOPSOIL
TYPICAL DETAILS

NOT TO SCALE

RICHARDSON FLAT RDRA

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FIGURE 2-1
CHANNEL AND SOIL COVER TYPICALS

RESOURCE MANAGEMENT CONSULTANTS
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SUITE 2A
MIDVALE, UT 84047
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NOVEMBER 2009

phase 3 tcr fig 2-1.dwg

CONTAINMENT DIKE

TAILINGS SOUTH OF DIVERSION DITCH

SOUTH DIVERSION DITCH

HISTORICAL RAILROAD GRADE

SDD47 SDD46 SDD45 SDD44 SDD43 SDD42 SDD41 SDD40 SDD39 SDD38 SDD37 SDD36 SDD35 SDD34 SDD33 SDD33A SDD32 SDD31 SDD30 SDD29 SDD28 SDD27 SDD26 SDD25

1JA 1J 1I 2I 1H 2H 4H 5H 1G 2G 3G 4G 5G 6G 1F 2F 3F 4F 5F 6F 7F 2E 2E-OR 3E 4E 5E 2D 3D 4D 3C 5C 5B

LEGEND

REMEDIATION AREA BOUNDARY

9B SAMPLE LOCATION

NOTE: LOCATIONS APPROXIMATE, NOT SURVEYED

N

SCALE
0 50 100 150 200
FEET

RICHARDSON FLAT RDRA

PHASE 3 TCR
FIGURE 4-1
CONFIRMATION SAMPLE LOCATIONS

RESOURCE MANAGEMENT CONSULTANTS
8138 SOUTH STATE ST.
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MIDVALE, UT 84047
801-255-2626

NOVEMBER 2009

2009 phase 3 tcr figure 4-1

Richardson Flat

Table 1 - Source Removal Confirmation Sample Results

All Results ppm

B-1-W

Date	Sample ID	Pb	Method
27-Aug-09	SL-4G	399	XRF
27-Aug-09	SL-4F	170	XRF
27-Aug-09	SL-5F	92	XRF
27-Aug-09	SL-4E	191	XRF
27-Aug-09	SL-3E	396	XRF
27-Aug-09	SL-3G	75	XRF
2-Sep-09	SL-6F	58	XRF
2-Sep-09	SL-6G	131	XRF
2-Sep-09	SL-5E	284	XRF
24-Sep-09	Sl-1I	89	XRF
24-Sep-09	SL-1G	<67.6	XRF
24-Sep-09	SL-1F	77.2	XRF
24-Sep-09	SL-2H	142	XRF
24-Sep-09	SL-JA	58.6	XRF
24-Sep-09	SL-IH	168	XRF
11-Nov-09	SL-4D	87.5	XRF
11-Nov-09	SL-5D	68.1	XRF
11-Nov-09	SL-5B	87.4	XRF
	Range:	68.1-396	
	Mean:	151.4	

SDD

Date	Sample ID	Pb	Method
8-Jul-09	SDD-25	163.9	XRF
8-Jul-09	SDD-26	170.5	XRF
8-Jul-09	SDD-27	120.3	XRF
8-Jul-09	SDD-28	162.9	XRF
8-Jul-09	SDD-29	197.2	XRF
8-Jul-09	SDD-30	189.7	XRF
26-Oct-09	SDD-31	83	XRF
26-Oct-09	SDD-32	97.3	XRF
26-Oct-09	SDD-33	78	XRF
26-Oct-09	SDD-33a	<64	XRF
26-Oct-09	SDD-34	68	XRF
26-Oct-09	SDD-35	61.3	XRF
26-Oct-09	SDD-36	60.6	XRF
26-Oct-09	SDD-37	67.3	XRF
26-Oct-09	SDD-38	59.7	XRF
26-Oct-09	SDD-39	66.7	XRF
26-Oct-09	SDD-40	77	XRF
26-Oct-09	SDD-41	112.3	XRF
26-Oct-09	SDD-42	203	XRF
26-Oct-09	SDD-43	95	XRF
26-Oct-09	SDD-44	77.7	XRF
26-Oct-09	SDD-45	94	XRF
26-Oct-09	SDD-46	89.7	XRF
26-Oct-09	SDD-47	95.3	XRF
	Range:	<64-203	
	Mean:	108.3	

Richardson Flat

Table 2 - Cover Depth Confirmation Sample Results

All Results ppm

Cover

Date	Sample ID	Sample Depth	Pb	As	Method
16-Oct-09	1J	6"	239	BDL	XRF
		12"	122	BDL	XRF
		18"	164	BDL	XRF
16-Oct-09	2I	6"	103	BDL	XRF
		12"	122	BDL	XRF
		18"	141	BDL	XRF
14-Aug-09	5G	6"	92.7	BDL	XRF
		12"	<71	BDL	XRF
		18"	57.1	BDL	XRF
26-Oct-09	3D	6"	108	BDL	XRF
		12"	94	BDL	XRF
		18"	87	BDL	XRF
26-Oct-09	3C	6"	<88	BDL	XRF
		12"	<81	BDL	XRF
		18"	<89	BDL	XRF
26-Oct-09	2D	6"	152	BDL	XRF
		12"	145	BDL	XRF
		18"	97	BDL	XRF
26-Oct-09	2E-OR	6"	120	BDL	XRF
		12"	68	BDL	XRF
		18"	75	BDL	XRF
26-Oct-09	3F	6"	106	BDL	XRF
		12"	63	BDL	XRF
		18"	57	BDL	XRF
26-Oct-09	5H	6"	240	BDL	XRF
		12"	209	BDL	XRF
		18"	118	BDL	XRF
26-Oct-09	7F	6"	173	BDL	XRF
		12"	201	BDL	XRF
		18"	127	BDL	XRF
13-Nov-09	2E	6"	273.6	BDL	XRF
		12"	143.2	BDL	XRF
		18"	73.6	BDL	XRF
13-Nov-09	2F	6"	89.2	BDL	XRF
		12"	97.2	BDL	XRF
		18"	79.3	BDL	XRF
13-Nov-09	2G	6"	<56.1	BDL	XRF
		12"	95	BDL	XRF
		18"	141.2	BDL	XRF
		Range:	<56-273		
		Mean:	125.7		

All units Part Per Million (PPM)

BDL - Below instrument detection limit

Richardson Flat

Table 3 - Imported Soil Confirmation Sample Results

Laboratory

Date	Sample ID	Pb	As
14-Aug-09	CV-TS81409	21	9
13-Oct-09	CUB1-W-1	37	18
13-Oct-09	SLB1W-1	1,200	80
6-Nov-09	RFSL-11609-A	77	13
6-Nov-09	RFSL-11609-A	150	14
	Range:	21-1,200	9-80
	Mean:	297.0	26.8

XRF

Date	Sample ID	Pb	As
14-Aug-09	1	200	BDL
14-Aug-09	2	301	BDL
	Range:	200-301	
	Mean:	250.5	

BDL - Below instrument detection limit
All units Parts Per Milliom (PPM)

Richardson Flat

Table 4 - QA/QC Sample Results

All results ppm

XRF-Lab

Sample ID	Pb
SDD-39 (XRF)	66.7
SDD-39 (LAB)	42
RPD (%)	**45.4**

Sample ID	Pb
SDD-36 (XRF)	60.6
SDD-36 (LAB)	15
RPD (%)	**120.6**

Sample ID	Pb
SDD-31 (XRF)	83
SDD-31 (LAB)	16
RPD (%)	**135.4**

Sample ID	Pb
3C-12" (XRF)	<81
3C-12" (LAB)	9.9
RPD (%)	**NA**

Sample ID	Pb
5H-12" (XRF)	209
5H-12" (LAB)	190
RPD (%)	**9.5**

Duplicates

Sample ID	As	Pb
3C-12"	<5.8	9.9
503C-12"	<5.8	7
RPD (%)	**NA**	**34.3**

Sample ID	As	Pb
5H-12"	13	190
505H-12"	13	150
RPD (%)	**0.0**	**23.5**

Richardson Flat

Table 5 - Air Monitoring Sample Results

DATE	SAMPLE ID	LEAD mg/ SAMPLE	LEAD ug/m3	LEAD PEL (ug/m3)	NAAQS (ug/m3)	Air Volume L	NOTES
27-Aug-09	RF-Up	< 0.00033	< 0.564	NA	1.5	585	Upwind Sample
27-Aug-09	RF-Dn	< 0.00033	< 0.509	NA	1.5	648	Downwind Sample
27-Aug-09	RF-Hoe	0.00038	0.677	50	NA	561	Site Worker Personal Sample
27-Aug-09	RF-Am	< 0.00033	< 0.541	50	NA	610	Site Worker Personal Sample
9-Sep-09	PS-Up	< 0.00033	< 0.647	NA	1.5	510	Upwind Sample
9-Sep-09	PS-Down	< 0.00033	< 0.692	NA	1.5	477	Downwind Sample
9-Sep-09	PS-Hoe	0.0011	2.434	50	NA	452	Site Worker Personal Sample
9-Sep-09	PS-Haul Truck	< 0.00033	< 0.797	50	NA	414	Site Worker Personal Sample
22-Oct-09	PS-Up	< 0.00033	< 0.365	NA	1.5	903	Upwind Sample
22-Oct-09	PS-Down	< 0.00033	< 0.354	NA	1.5	933	Downwind Sample
22-Oct-09	PS-Hoe	< 0.00033	< 0.390	50	NA	846	Site Worker Personal Sample
22-Oct-09	PS-Haul Truck	0.00042	< 0.493	50	NA	852	Site Worker Personal Sample

Definitions:

PEL - Permissible Exposure Limit. Permissible Exposure Limits are airborne concentrations of substances that workers may be exposed to by inhalation while they are at work. In theory, they represent conditions which it is believed that nearly all workers can be exposed day after day without adverse health effects.

Action Level - The Action Level is the exposure level at which OSHA regulations take effect. This is generally one-half of the PEL.

NAAQS – National Ambient Air Quality Standards. These are standards established by EPA that apply for outdoor air throughout the country.

APPENDIX A

ANALYTICAL LABORATORY REPORTS

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Kerry Gee
United Park City Mines Co.
PO Box 1450
Park City, UT 84060-

TEL: (435) 608-0954
FAX (435) 615-1239

RE: Richardson Flat

Lab Set ID: 0910474

Dear Kerry Gee:

American West Analytical Laboratories received 7 sample(s) on 10/27/2009 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in the following states: Utah, Colorado, Idaho, and Texas. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitaion limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit.

This is a revised report for a report orginally issued 10/28/2009. Per Todd Leeds on 10/28/2009, the sample ID for -001A was changed and pages 1 and 2 were revised.

Thank You,

Approved by: _____
Laboratory Director or designee

INORGANIC ANALYTICAL REPORT

Client:	United Park City Mines Co.	**Contact:**	Kerry Gee
Project:	Richardson Flat		
Lab Sample ID:	0910474-001		
Client Sample ID:	SDD-39		
Collection Date:	10/26/2009 3:00:00 PM		
Received Date:	10/27/2009		

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/kg-dry	10/27/2009 6:41:00 PM	SW6010C	5.0	42	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0910474-002
Client Sample ID: 3C-12"
Collection Date: 10/26/2009 2:00:00 PM
Received Date: 10/27/2009

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Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/kg-dry	10/27/2009 8:16:00 PM	SW6010C	5.8	< 5.8	
Lead	mg/kg-dry	10/27/2009 7:09:00 PM	SW6010C	5.8	9.9	

INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0910474-003
Client Sample ID: 503C-12"
Collection Date: 10/26/2009 1:00:00 PM
Received Date: 10/27/2009

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/kg-dry	10/27/2009 8:20:00 PM	SW6010C	5.8	< 5.8	
Lead	mg/kg-dry	10/27/2009 7:13:00 PM	SW6010C	5.8	7.0	

INORGANIC ANALYTICAL REPORT

Client:	United Park City Mines Co.	**Contact:**	Kerry Gee
Project:	Richardson Flat		
Lab Sample ID:	0910474-004		
Client Sample ID:	505H-12"		
Collection Date:	10/26/2009 3:10:00 PM		
Received Date:	10/27/2009		

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/kg-dry	10/27/2009 8:24:00 PM	SW6010C	5.5	**13**	
Lead	mg/kg-dry	10/27/2009 7:17:00 PM	SW6010C	5.5	**150**	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0910474-005
Client Sample ID: 5H-12"
Collection Date: 10/26/2009 4:00:00 PM
Received Date: 10/27/2009

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TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/kg-dry	10/27/2009 8:28:00 PM	SW6010C	5.5	13	
Lead	mg/kg-dry	10/27/2009 7:21:00 PM	SW6010C	5.5	190	

INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0910474-006
Client Sample ID: SDD-36
Collection Date: 10/26/2009 5:00:00 PM
Received Date: 10/27/2009

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/kg-dry	10/27/2009 7:25:00 PM	SW6010C	5.4	15	

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Laboratory Director

Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

Client:	United Park City Mines Co.	**Contact:**	Kerry Gee
Project:	Richardson Flat		
Lab Sample ID:	0910474-007		
Client Sample ID:	SDD-31		
Collection Date:	10/26/2009 4:30:00 PM		
Received Date:	10/27/2009		

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/kg-dry	10/27/2009 7:29:00 PM	SW6010C	5.8	16	

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Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0910474
Project: Richardson Flat

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-3623	Lead	mg/kg	SW6010C	18	20.00	0	91.6	75-125				10/27/2009
LCS-3623	Arsenic	mg/kg	SW6010C	18	20.00	0	92.3	75-125				10/27/2009

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0910474
Project: Richardson Flat

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit Qualifiers	Analysis Date
MB-3623	Lead	mg/kg	SW6010C	< 5.0				-			10/27/2009
MB-3623	Arsenic	mg/kg	SW6010C	< 5.0				-			10/27/2009

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0910474
Project: Richardson Flat

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
0910474-001AMS	Lead	mg/kg-dry	SW6010C	67	20.28	41.63	125	75-125				10/27/2009
0910474-001AMS	Arsenic	mg/kg-dry	SW6010C	30	20.28	45.71	-79.7	75-125			3	10/27/2009

3 - Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.

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QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0910474
Project: Richardson Flat

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
0910474-001AMSD	Lead	mg/kg-dry	SW6010C	65	21.37	41.63	108	75-125	3.36	20		10/27/2009
0910474-001AMSD	Arsenic	mg/kg-dry	SW6010C	38	21.37	45.71	-37.5	75-125	24.3	20	J	10/27/2009

J - Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.

American West Analytical Laboratories

RUSH REVISED 10-28-09 Sample ID for -001 Changed Per Todd Leeds.

WORK ORDER Summary

28-Oct-09

Work Order: 0910474
WO Type: Standard

Client ID: UNI100
Contact: Kerry Gee
Project: Richardson Flat
QC Level: LEVEL II+
Comments: RMC client: Email copy of report to Todd Leeds; QC2+; Next Day Rush;

Reviewed by Samantha Broadhead on 10/27/2009

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
0910474-001A	SDD-39	10/26/2009 3:00:00 PM	10/27/2009 3:33:25 PM	10/28/2009	Soil	3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				10/28/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: PB										
				10/28/2009		PMOIST	☐	☐	☐	☐	df - met
0910474-002A	3C-12"	10/26/2009 2:00:00 PM		10/28/2009		3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				10/28/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: AS PB										
				10/28/2009		PMOIST	☐	☐	☐	☐	df - met
0910474-003A	503C-12"	10/26/2009 1:00:00 PM		10/28/2009		3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				10/28/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: AS PB										
				10/28/2009		PMOIST	☐	☐	☐	☐	df - met
0910474-004A	505H-12"	10/26/2009 3:10:00 PM		10/28/2009		3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				10/28/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: AS PB										
				10/28/2009		PMOIST	☐	☐	☐	☐	df - met
0910474-005A	5H-12"	10/26/2009 4:00:00 PM		10/28/2009		3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				10/28/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: AS PB										
				10/28/2009		PMOIST	☐	☐	☐	☐	df - met
0910474-006A	SDD-36	10/26/2009 5:00:00 PM		10/28/2009		3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				10/28/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: PB										
				10/28/2009		PMOIST	☐	☐	☐	☐	df - met
0910474-007A	SDD-31	10/26/2009 4:30:00 PM		10/28/2009		3051A-ICPMS-PR	☐	☐	☐	☐	df - met

WORK ORDER Summary

28-Oct-09

Work Order: 0910474
WO Type: Standard

Client ID: UNI100
Contact: Kerry Gee
Project: Richardson Flat
QC Level: LEVEL II+
Comments: RMC client: Email copy of report to Todd Leeds; QC2+; Next Day Rush;

Reviewed by Samantha Broadhead on 10/27/2009

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
0910474-007A	SDD-31	10/26/2009 4:30:00 PM	10/27/2009 3:33:25 PM	10/28/2009	Soil	6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: PB										
				10/28/2009		PMOIST	☐	☐	☐	☐	df - met

American West Analytical Laboratories

RUSH

WORK ORDER Summary

27-Oct-09

Work Order: 0910474
WO Type: Standard

Client ID: UNI100
Contact: Kerry Gee
Project: Richardson Flat
QC Level: LEVEL II+
Reviewed by on
Comments: RMC client: Email copy of report to Todd Leeds; QC2+; Next Day Rush;

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
0910474-001A	SDD-3a	10/26/2009 3:00:00 PM	10/27/2009 3:33:25 PM	10/28/2009	Soil	3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				10/28/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: PB										
				10/28/2009		PMOIST	☐	☐	☐	☐	df - met
0910474-002A	3C-12"	10/26/2009 2:00:00 PM		10/28/2009		3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				10/28/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: AS PB										
				10/28/2009		PMOIST	☐	☐	☐	☐	df - met
0910474-003A	503C-12"	10/26/2009 1:00:00 PM		10/28/2009		3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				10/28/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: AS PB										
				10/28/2009		PMOIST	☐	☐	☐	☐	df - met
0910474-004A	505H-12"	10/26/2009 3:10:00 PM		10/28/2009		3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				10/28/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: AS PB										
				10/28/2009		PMOIST	☐	☐	☐	☐	df - met
0910474-005A	5H-12"	10/26/2009 4:00:00 PM		10/28/2009		3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				10/28/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: AS PB										
				10/28/2009		PMOIST	☐	☐	☐	☐	df - met
0910474-006A	SDD-36	10/26/2009 5:00:00 PM		10/28/2009		3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				10/28/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: PB										
				10/28/2009		PMOIST	☐	☐	☐	☐	df - met

WORK ORDER Summary

27-Oct-09

Work Order: 0910474

WO Type: Standard

Client ID: UNI100

Contact: Kerry Gee

Project: Richardson Flat **QC Level:** LEVEL II+ **Reviewed by on**

Comments: RMC client: Email copy of report to Todd Leeds; QC2+; Next Day Rush;

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
0910474-007A	SDD-31	10/26/2009 4:30:00 PM	10/27/2009 3:33:25 PM	10/28/2009	Soil	3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				10/28/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: PB										
				10/28/2009		PMOIST	☐	☐	☐	☐	df - met

RMC

Laboratory Services Request Form

0910474

I. CLIENT INFORMATION	SEND REQUESTS TO:
Client Name: UNITED PARK CITY MINES	American West Analytical Laboratories
Client Address: PO BOX 1450 PARK CITY, UT 84060	463 W. 3600 South Salt Lake City, UT 84115
Client Phone: 435-608-0954	
Client Fax: 435-615-1239	
II. ACCOUNT INFORMATION	
Account Name:	Patrick Noteboom
Sample Questions- Todd Leeds RMC- 801-255-2626	Phone # (801) 750-2585
	Fax (801)-263-8687
TAT: 24- hours **P.O. No:** Richardson Flat	

III. REPORT INSTRUCTIONS

Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266

Report Address: PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047

Please Forward Results By: US Mail (X) Fed Ex ( ) Fax (X) Other Todd@rmc-ut.com

Services Requested below are required no later than _____ (date)

IV. TYPE OF SERVICE REQUESTED

Please analyze the enclosed environmental samples for:

Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested
	SDD-39 10/26/09	3pm	1	Pb
	3C-12"	2pm	↓	Pb + As
	503C-12"	1pm		↓
	505H-12"	3.10pm		
	5H-12"	4. pm	↓	
	SDD-36	5pm		Pb
	SDD-31	4.30 pm	↓	Pb

notes: Cd detection limits must be <0.0008 ppm, all detection limits should be as low as pratical.

V. CHAIN OF CUSTODY RECORD

Dispatched by:		Date	Time	Courier Co. Name
Relinquished by:		Date Oct-27	Time 15:20	Airbill #
Received by:		Date 10/27/09	Time 1520	Custody Seal Intact?
Received for lab by:		Date	Time	Yes No

Lab Set ID: 0910474

Samples Were:	COC Tape Was:	Container Type:	No. Rec.
☐ Shipped By:	**Present on Outer Package**	☐ AWAL Supplied Plastic	
☑ Hand Delivered	☐ Yes ☑ No ☐ N/A	☐ AWAL Supplied Clear Glass	
☐ Ambient	**Unbroken on Outer package**	☐ AWAL Supplied Amber Glass	
☑ Chilled	☐ Yes ☐ No ☑ N/A	☐ AWAL Supplied VOA/TOC/TOX Vials	
Temperature 10.2 °C	**Present on Sample**	☐ Amber ☐ Clear ☐ Headspace ☐ No Headspace	
Rec. Broken/Leaking ☐ Yes ☑ No ☐ N/A	☐ Yes ☑ No ☐ N/A	☐ Non AWAL Supplied Container	
Notes:	**Unbroken on Sample**	**Notes:** SM	
	☐ Yes ☐ No ☑ N/A		
Properly Preserved ☑ Yes ☐ No ☐ N/A	**Notes:**		
Notes:			
Rec. Within Hold ☑ Yes ☐ No		**Discrepancies Between Labels and COC** ☐ Yes ☑ No	
Notes:		**Notes:**	

Bottle Type	Preservative	All pHs OK														
Ammonia	pH <2 H_2SO_4															
COD	pH <2 H_2SO_4															
Cyanide	PH >12 NaOH															
Metals	pH <2 HNO_3															
NO_2 & NO_3	pH <2 H_2SO_4															
Nutrients	pH <2 H_2SO_4															
O & G	pH <2 HCL															
Phenols	pH <2 H_2SO_4															
Sulfide	pH > 9NaOH, ZnAC															
TKN	pH <2 H_2SO_4															
TOC	pH <2 H_3PO_4															
T PO_4	pH <2 H_2SO_4															
TPH	pH <2 HCL															

SM

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) *Flag COC and notify client for further instructions*
6) Place client conversation on COC
7) Samples may be adjusted at client request

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Kerry Gee
United Park City Mines Co.
PO Box 1450
Park City, UT 84060-

TEL: (435) 608-0954
FAX (435) 615-1239

RE: Richardson Flat

Lab Set ID: 0908555

Dear Kerry Gee:

American West Analytical Laboratories received 4 sample(s) on 8/28/2009 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in the following states: Utah, Colorado, Idaho, and Texas. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitaion limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit.

Thank You,

Approved by: Jose G. Rocha
Laboratory Director or designee

INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0908555-001
Client Sample ID: RF-Up-8/27/09-585L
Collection Date: 8/27/2009
Received Date: 8/28/2009

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	9/2/2009 6:33:00 PM	SW6010C	0.0025	< 0.0025	

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mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0908555-002
Client Sample ID: RF-Dn-8/27/09-648L
Collection Date: 8/27/2009
Received Date: 8/28/2009

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	9/2/2009 6:37:00 PM	SW6010C	0.0025	< 0.0025	

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mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

Client:	United Park City Mines Co.	**Contact:**	Kerry Gee
Project:	Richardson Flat		
Lab Sample ID:	0908555-003		
Client Sample ID:	RF-Hoe-8/27/09-561L		
Collection Date:	8/27/2009		
Received Date:	8/28/2009		

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	9/2/2009 6:41:00 PM	SW6010C	0.0025	< 0.0025	

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mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

Client:	United Park City Mines Co.	**Contact:**	Kerry Gee
Project:	Richardson Flat		
Lab Sample ID:	0908555-004		
Client Sample ID:	RF-Am-8/27/09-573L		
Collection Date:	8/27/2009		
Received Date:	8/28/2009		

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	9/2/2009 6:44:00 PM	SW6010C	0.0025	< 0.0025	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0908555
Project: Richardson Flat

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-2824	Lead	mg/kg	SW6010C	20	20.00	0	99.0	75-125				9/2/2009

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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0908555
Project: Richardson Flat

Dept: ME
SampType: LCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCSD-2824	Lead	mg/kg	SW6010C	21	20.00	0	104	75-125	5.12	20		9/2/2009

Insufficient sample mass/volume was received to perform MS/MSD analysis. An LCSD was added to provide prescision data.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0908555
Project: Richardson Flat

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-2824	Lead	mg/kg	SW6010C	< 5.0				-				9/2/2009

American West Analytical Laboratories

WORK ORDER Summary

28-Aug-09

Work Order: 0908555
WO Type: Standard

Client ID: UNI100
Contact: Kerry Gee
Project: Richardson Flat
QC Level: LEVEL II+
Comments: RMC client; QC2+ / email 2 people;

Reviewed by HK 8/28 DB **on**

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
0908555-001A	RF-Up-8/27/09-585L	8/27/2009	8/28/2009 11:30:19 AM	9/14/2009	Filter	3051A-ICPMS-PR	☐	☐	☐	☐	desicator
				9/14/2009		6010C-S	☐	☐	☑	☐	desicator
0908555-002A	RF-Dn-8/27/09-648L			9/14/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator
				9/14/2009		6010C-S	☐	☐	☑	☐	desicator
0908555-003A	RF-Hoe-8/27/09-561L			9/14/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator
				9/14/2009		6010C-S	☐	☐	☑	☐	desicator
0908555-004A	RF-Am-8/27/09-573L			9/14/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator
				9/14/2009		6010C-S	☐	☐	☑	☐	desicator

RMC

27

Laboratory Services Request Form

0908555

I. CLIENT INFORMATION	SEND REQUESTS TO:
Client Name: UNITED PARK CITY MINES	American West
Client Address: PO BOX 1450 PARK CITY, UT 84060	Analytical Laboratories
	463 W. 3600 South
Client Phone: 435-608-0954	Salt Lake City, UT
Client Fax: 435-615-1239	84115
II. ACCOUNT INFORMATION	
Account Name:	Patrick Noteboom
Sample Questions- Todd Leeds RMC- 801-255-2626	Phone # (801) 750-2585
	Fax (801)-263-8687

TAT: Standard **P.O. No:** Richardson Flat

III. REPORT INSTRUCTIONS

Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266

Report Address: PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047

Please Forward Results By: US Mail (X) Fed Ex ( ) Fax (X) Other Todd@rmc-ut.com

Services Requested below are required no later than _____ (date)

IV. TYPE OF SERVICE REQUESTED

Please analyze the enclosed environmental samples for:

Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested
	rf-up-8127/09-585L	8127/09	1	lead
	rf-DN-8127/09-648L	↓	↓	↓
	rf-hoe-8127/09-561L			
	rf-Am-8127/09-573L	↓	↓	↓

notes: Cd detection limits must be <0.0008 ppm

V. CHAIN OF CUSTODY RECORD

Dispatched by:		Date	Time	Courier Co. Name
Relinquished by:		Date 8/28/09	Time 11:18	Airbill #
Received by: Edna		Date 8/28/09	Time 1118	Custody Seal Intact?
Received for lab by:		Date	Time	Yes No

Lab Set ID: 0908555

Samples Were:	COC Tape Was:	Container Type:	No. Rec.
☐ Shipped By:	Present on Outer Package	☐ AWAL Supplied Plastic	
☒ Hand Delivered	☐ Yes ☐ No ☐ N/A	☐ AWAL Supplied Clear Glass	
☒ Ambient	Unbroken on Outer package	☐ AWAL Supplied Amber Glass	
☐ Chilled	☐ Yes ☐ No ☐ N/A	☐ AWAL Supplied VOA/TOC/TOX Vials	
Temperature 27 °C	Present on Sample	☐ Amber ☐ Clear ☐ Headspace ☐ No Headspace	
Rec. Broken/Leaking ☐ Yes ☒ No ☐ N/A	☐ Yes ☐ No ☐ N/A	☐ Non AWAL Supplied Container	
Notes:	Unbroken on Sample	Notes:	
	☐ Yes ☐ No ☐ N/A		
Properly Preserved ☒ Yes ☐ No ☐ N/A	Notes:		
Notes:			
Rec. Within Hold ☒ Yes ☐ No		Discrepancies Between Labels and COC ☐ Yes ☒ No	
Notes:		Notes:	

Bottle Type	Preservative	All pHs OK														
Ammonia	pH <2 H_2SO_4															
COD	pH <2 H_2SO_4															
Cyanide	PH >12 NaOH															
Metals	pH <2 HNO_3															
NO_2 & NO_3	pH <2 H_2SO_4															
Nutrients	pH <2 H_2SO_4															
O & G	pH <2 HCL															
Phenols	pH <2 H_2SO_4															
Sulfide	pH > 9NaOH, ZnAC															
TKN	pH <2 H_2SO_4															
TOC	pH <2 H_3PO_4															
T PO_4	pH <2 H_2SO_4															
TPH	pH <2 HCL															

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC and notify client for further instructions
6) Place client conversation on COC
7) Samples may be adjusted at client request

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Kerry Gee
United Park City Mines Co.
PO Box 1450
Park City, UT 84060-

TEL: (435) 608-0954
FAX (435) 615-1239

RE: Richardson Flat

Lab Set ID: 0908555

Dear Kerry Gee:

American West Analytical Laboratories received 4 sample(s) on 8/28/2009 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in the following states: Utah, Colorado, Idaho, and Texas. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitaion limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit.

This is a revised report for a report originally issued on 9/14/2009. By client request, samples were re-analyzed by method SW6020A.

Thank You,

Approved by: _____
Laboratory Director or designee

INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0908555-001
Client Sample ID: RF-Up-8/27/09-585L
Collection Date: 8/27/2009
Received Date: 8/28/2009

AMERICAN WEST ANALYTICAL LABORATORIES

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mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	10/1/2009 4:34:12 PM	SW6020A	0.00033	< 0.00033	^

^ - Reissue of a previously generated report. Information has been added, updated, or revised. Information herein supersedes that of the previously issued reports.

INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0908555-002
Client Sample ID: RF-Dn-8/27/09-648L
Collection Date: 8/27/2009
Received Date: 8/28/2009

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	10/1/2009 4:51:35 PM	SW6020A	0.00033	< 0.00033	^

^ - Reissue of a previously generated report. Information has been added, updated, or revised. Information herein supersedes that of the previously issued reports.

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

Client:	United Park City Mines Co.	**Contact:**	Kerry Gee
Project:	Richardson Flat		
Lab Sample ID:	0908555-003		
Client Sample ID:	RF-Hoe-8/27/09-561L		
Collection Date:	8/27/2009		
Received Date:	8/28/2009		

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	10/1/2009 4:57:23 PM	SW6020A	0.00033	**0.00038**	^

^ - Reissue of a previously generated report. Information has been added, updated, or revised. Information herein supersedes that of the previously issued reports.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

AMERICAN WEST ANALYTICAL LABORATORIES

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mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0908555-004
Client Sample ID: RF-Am-8/27/09-573L
Collection Date: 8/27/2009
Received Date: 8/28/2009

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	10/1/2009 5:03:11 PM	SW6020A	0.00033	< 0.00033	^

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0908555
Project: Richardson Flat

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-2824	Lead	mg/kg	SW6020A	20	20.00	0	99.5	85-115				10/1/2009

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0908555
Project: Richardson Flat

Dept: ME
SampType: LCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCSD-2824	Lead	mg/kg	SW6020A	20	20.00	0	101	85-115	1.54	20		10/1/2009

Insufficient sample mass/volume was received to perform MS/MSD analysis. An LCSD was added to provide prescision data.

AMERICAN WEST ANALYTICAL LABORATORIES
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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0908555
Project: Richardson Flat

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-2824	Lead	mg/kg	SW6020A	< 0.65				-				10/1/2009

American West Analytical Laboratories

WORK ORDER Summary

REVISED
10-1-09
Sample re-analyzed by method 6020

01-Oct-09

Work Order: 0908555
WO Type: Standard

Client ID: UNI100
Contact: Kerry Gee
Project: Richardson Flat
QC Level: LEVEL II+
Reviewed by Samantha Broadhead on 8/28/2009
Comments: RMC client; QC2+ / email 2 people. Metals by 6020 added 10/1/09-RW;

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
0908555-001A	RF-Up-8/27/09-585L	8/27/2009	8/28/2009 11:30:19 AM	9/14/2009	Filter	3051A-ICPMS-PR	☐	☐	☐	☐	desicator
	SEL Analytes: PB			9/14/2009		6010C-S	☐	☐	☑	☐	desicator
	SEL Analytes: PB			9/14/2009		6020-S	☐	☐	☑	☐	desicator
0908555-002A	RF-Dn-8/27/09-648L			9/14/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator
	SEL Analytes: PB			9/14/2009		6010C-S	☐	☐	☑	☐	desicator
	SEL Analytes: PB			9/14/2009		6020-S	☐	☐	☑	☐	desicator
0908555-003A	RF-Hoe-8/27/09-561L			9/14/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator
	SEL Analytes: PB			9/14/2009		6010C-S	☐	☐	☑	☐	desicator
	SEL Analytes: PB			9/14/2009		6020-S	☐	☐	☑	☐	desicator
0908555-004A	RF-Am-8/27/09-573L			9/14/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator
	SEL Analytes: PB			9/14/2009		6010C-S	☐	☐	☑	☐	desicator
	SEL Analytes: PB			9/14/2009		6020-S	☐	☐	☑	☐	desicator

American West Analytical Laboratories

WORK ORDER Summary

28-Aug-09

Work Order: 0908555

WO Type: Standard

Client ID: UNI100

Contact: Kerry Gee

Project: Richardson Flat

QC Level: LEVEL II+

Reviewed by on

Comments: RMC client; QC2+ / email 2 people;

HK 5/3 DB

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
0908555-001A	RF-Up-8/27/09-585L	8/27/2009	8/28/2009 11:30:19 AM	9/14/2009	Filter	3051A-ICPMS-PR	☐	☐	☐	☐	desicator
				9/14/2009		6010C-S	☐	☐	☑	☐	desicator
0908555-002A	RF-Dn-8/27/09-648L			9/14/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator
				9/14/2009		6010C-S	☐	☐	☑	☐	desicator
0908555-003A	RF-Hoe-8/27/09-561L			9/14/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator
				9/14/2009		6010C-S	☐	☐	☑	☐	desicator
0908555-004A	RF-Am-8/27/09-573L			9/14/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator
				9/14/2009		6010C-S	☐	☐	☑	☐	desicator

RMC

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Laboratory Services Request Form

0908555

I. CLIENT INFORMATION	SEND REQUESTS TO:
Client Name: UNITED PARK CITY MINES	American West Analytical Laboratories
Client Address: PO BOX 1450 PARK CITY, UT 84060	463 W. 3600 South Salt Lake City, UT 84115
Client Phone: 435-608-0954	Patrick Noteboom
Client Fax: 435-615-1239	Phone # (801) 750-2585
II. ACCOUNT INFORMATION	Fax (801)-263-8687
Account Name:	
Sample Questions- Todd Leeds RMC- 801-255-2626	
TAT: Standard **P.O. No:** Richardson Flat	

III. REPORT INSTRUCTIONS

Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266

Report Address: PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047

Please Forward Results By: US Mail (X) Fed Ex ( ) Fax (X) Other Todd@rmc-ut.com

Services Requested below are required no later than _____ (date)

IV. TYPE OF SERVICE REQUESTED

Please analyze the enclosed environmental samples for:

Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested
	rf-up-8127/09-585L	8127/09	1	lead
	rf-DN-8127/09-648L	↓	↓	↓
	rf-hoe-8127/09-561L			
	rf-Am-8127/09-573L	↓	↓	↓

notes: Cd detection limits must be <0.0008 ppm

V. CHAIN OF CUSTODY RECORD

Dispatched by:		Date	Time	Courier Co. Name
Relinquished by:		Date 8/28/09	Time 11:16	Airbill #
Received by: Selma		Date 8/28/09	Time 1118	Custody Seal Intact?
Received for lab by:		Date	Time	Yes No

Lab Set ID: 0908555

Samples Were:	COC Tape Was:	Container Type:	No. Rec.
☐ Shipped By:	Present on Outer Package	☐ AWAL Supplied Plastic	
☒ Hand Delivered	☐ Yes ☐ No ☐ N/A	☐ AWAL Supplied Clear Glass	
☒ Ambient	Unbroken on Outer package	☐ AWAL Supplied Amber Glass	
☐ Chilled	☐ Yes ☐ No ☐ N/A	☐ AWAL Supplied VOA/TOC/TOX Vials	
Temperature 27 °C	Present on Sample	☐ Amber ☐ Clear ☐ Headspace ☐ No Headspace	
Rec. Broken/Leaking ☐ Yes ☒ No ☐ N/A	☐ Yes ☐ No ☐ N/A	☐ Non AWAL Supplied Container	
Notes:	Unbroken on Sample	Notes:	
	☐ Yes ☐ No ☐ N/A		
Properly Preserved ☒ Yes ☐ No ☐ N/A	Notes:		
Notes:			
Rec. Within Hold ☒ Yes ☐ No		Discrepancies Between Labels and COC ☐ Yes ☒ No	
Notes:		Notes:	

Bottle Type	Preservative	All pHs OK																
Ammonia	pH <2 H_2SO_4																	
COD	pH <2 H_2SO_4																	
Cyanide	PH >12 NaOH																	
Metals	pH <2 HNO_3																	
NO_2 & NO_3	pH <2 H_2SO_4																	
Nutrients	pH <2 H_2SO_4																	
O & G	pH <2 HCL																	
Phenols	pH <2 H_2SO_4																	
Sulfide	pH > 9NaOH, ZnAC																	
TKN	pH <2 H_2SO_4																	
TOC	pH <2 H_3PO_4																	
T PO_4	pH <2 H_2SO_4																	
TPH	pH <2 HCL																	

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) Do Not dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC and notify client for further instructions
6) Place client conversation on COC
7) Samples may be adjusted at client request

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
ıail: awal@awal-labs.com

Kerry Gee
United Park City Mines Co.
PO Box 1450
Park City, UT 84060-

TEL: (435) 608-0954
FAX (435) 615-1239

RE: Richardson Flat

Lab Set ID: 0909160

Dear Kerry Gee:

American West Analytical Laboratories received 4 sample(s) on 9/9/2009 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in the following states: Utah, Colorado, Idaho, and Texas. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitaion limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit.

Thank You,

Approved by: Jose G. Rocha
Laboratory Director or designee

INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0909160-001
Client Sample ID: PS-Up (510 Liters)
Collection Date: 9/9/2009
Received Date: 9/9/2009

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	9/10/2009 6:04:00 PM	SW6010C	0.0025	< 0.0025	

INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0909160-002
Client Sample ID: PS-Down (477 Liters)
Collection Date: 9/9/2009
Received Date: 9/9/2009

AMERICAN WEST ANALYTICAL LABORATORIES

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Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
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mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	9/10/2009 6:08:00 PM	SW6010C	0.0025	< 0.0025	

INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0909160-003
Client Sample ID: PS-Hoe (452 Liters)
Collection Date: 9/9/2009
Received Date: 9/9/2009

AMERICAN WEST ANALYTICAL LABORATORIES

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84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	9/10/2009 6:12:00 PM	SW6010C	0.0025	< 0.0025	

INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0909160-004
Client Sample ID: PS-Hand Truck (414 Liters)
Collection Date: 9/9/2009
Received Date: 9/9/2009

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	9/10/2009 6:16:00 PM	SW6010C	0.0025	< 0.0025	

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463 West 3600 South
Salt Lake City, Utah 84115
(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0909160
Project: Richardson Flat

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-2963	Lead	mg/kg	SW6010C	21	20.00	0	104	75-125				9/10/2009

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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0909160
Project: Richardson Flat

Dept: ME
SampType: LCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCSD-2963	Lead	mg/kg	SW6010C	20	20.00	0	101	75-125	2.93	20		9/10/2009

Insufficient sample mass/volume was received to perform MS/MSD analysis. An LCSD was added to provide prescision data.

AMERICAN WEST ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, Utah 84115
(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0909160
Project: Richardson Flat

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-2963	Lead	mg/kg	SW6010C	< 5.0				-				9/10/2009

American West Analytical Laboratories

WORK ORDER Summary

09-Sep-09

Work Order: 0909160

WO Type: Standard

Client ID: UNI100

Contact: Kerry Gee

Project: Richardson Flat **QC Level:** LEVEL II+

Reviewed by on

Comments: RMC client; QC2+; Email 2 People; Sample is a filter no pmoist;

SB

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
0909160-001A	PS-Up (510 Liters)	9/9/2009	9/9/2009 3:30:47 PM	9/23/2009	Filter	3051A-ICPMS-PR	☐	☐	☐	☐	desicator sept 9 - met
				9/23/2009		6010C-S	☐	☐	☑	☐	desicator sept 9 - met
	SEL Analytes: PB										
0909160-002A	PS-Down (477 Liters)			9/23/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator sept 9 - met
				9/23/2009		6010C-S	☐	☐	☑	☐	desicator sept 9 - met
	SEL Analytes: PB										
0909160-003A	PS-Hoe (452 Liters)			9/23/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator sept 9 - met
				9/23/2009		6010C-S	☐	☐	☑	☐	desicator sept 9 - met
	SEL Analytes: PB										
0909160-004A	PS-Hand Truck (414 Liters)			9/23/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator sept 9 - met
				9/23/2009		6010C-S	☐	☐	☑	☐	desicator sept 9 - met
	SEL Analytes: PB										

RMC

Laboratory Services Request Form

0909160

I. CLIENT INFORMATION

Client Name: UNITED PARK CITY MINES

Client Address: PO BOX 1450 PARK CITY, UT 84060

Client Phone: 435-608-0954

Client Fax: 435-615-1239

SEND REQUESTS TO:

American West
Analytical Laboratories
463 W. 3600 South
Salt Lake City, UT
84115

Patrick Noteboom
Phone # (801) 750-2585
Fax (801)-263-8687

II. ACCOUNT INFORMATION

Account Name:

Sample Questions- Todd Leeds RMC- 801-255-2626

TAT: Standard **P.O. No:** Richardson Flat

III. REPORT INSTRUCTIONS

Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266

Report Address: PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047

Please Forward Results By: US Mail (X) Fed Ex ( ) Fax (X) Othe Todd@rmc-ut.com

Services Requested below are required no later than _____ (date)

IV. TYPE OF SERVICE REQUESTED

Please analyze the enclosed environmental samples for:

Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested
	PS-Up (510 liters)	9-9-2009	1	PB
	PS-Down (477 ")	↓	↓	↓
	PS-Toe (452 ")			
	PS-Haul Truck (414 ")			

notes: Cd detection limits must be <0.0008 ppm

V. CHAIN OF CUSTODY RECORD

Dispatched by:	Date	Time	Courier Co. Name
Relinquished by:	Date 9-9-2009	Time 15:14	Airbill #
Received by:	Date 9/9/09	Time 1514	Custody Seal Intact?
Received for lab by:	Date	Time	Yes No

25.7

Lab Set ID: 0909160

Samples Were:	COC Tape Was:	Container Type:	No. Rec.
☐ Shipped By:	Present on Outer Package	☐ AWAL Supplied Plastic	
☑ Hand Delivered	☐ Yes ☑ No ☐ N/A	☐ AWAL Supplied Clear Glass	
☑ Ambient	Unbroken on Outer package	☐ AWAL Supplied Amber Glass	
☐ Chilled	☐ Yes ☐ No ☑ N/A	☐ AWAL Supplied VOA/TOC/TOX Vials	
Temperature 25.7 °C	Present on Sample	☐ Amber ☐ Clear ☐ Headspace ☐ No Headspace	
Rec. Broken/Leaking ☐ Yes ☑ No ☐ N/A	☐ Yes ☑ No ☐ N/A	☐ Non AWAL Supplied Container	
Notes:	Unbroken on Sample	Notes: SPB	
Properly Preserved ☑ Yes ☐ No ☐ N/A	☐ Yes ☐ No ☑ N/A		
Notes:	Notes:		
Rec. Within Hold ☑ Yes ☐ No		Discrepancies Between Labels and COC ☐ Yes ☑ No	
Notes:		Notes:	

Bottle Type	Preservative	All pHs OK
Ammonia	pH <2 H_2SO_4	
COD	pH <2 H_2SO_4	
Cyanide	PH >12 NaOH	
Metals	pH <2 HNO_3	
NO_2 & NO_3	pH <2 H_2SO_4	
Nutrients	pH <2 H_2SO_4	
O & G	pH <2 HCL	
Phenols	pH <2 H_2SO_4	
Sulfide	pH > 9NaOH, ZnAC	
TKN	pH <2 H_2SO_4	
TOC	pH <2 H_3PO_4	
T PO_4	pH <2 H_2SO_4	
TPH	pH <2 HCL	

SPB

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) Do Not dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC and notify client for further instructions
6) Place client conversation on COC
7) Samples may be adjusted at client request

AMERICAN WEST ANALYTICAL LABORATORIES

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84115

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mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Kerry Gee
United Park City Mines Co.
PO Box 1450
Park City, UT 84060-

TEL: (435) 608-0954
FAX (435) 615-1239

RE: Richardson Flat

Lab Set ID: 0909160

Dear Kerry Gee:

American West Analytical Laboratories received 4 sample(s) on 9/9/2009 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in the following states: Utah, Colorado, Idaho, and Texas. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitaion limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit.

This is a revised report for a report originally issued on 9/14/2009. By client request, samples were re-analyzed by method SW6020A.

Thank You,

Approved by: _____
Laboratory Director or designee

INORGANIC ANALYTICAL REPORT

Client:	United Park City Mines Co.	**Contact:**	Kerry Gee
Project:	Richardson Flat		
Lab Sample ID:	0909160-001		
Client Sample ID:	PS-Up (510 Liters)		
Collection Date:	9/9/2009		
Received Date:	9/9/2009		

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
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84115

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mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	10/1/2009 5:50:35 PM	SW6020A	0.00033	< 0.00033	^

^ - Reissue of a previously generated report. Information has been added, updated, or revised. Information herein supersedes that of the previously issued reports.

INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0909160-002
Client Sample ID: PS-Down (477 Liters)
Collection Date: 9/9/2009
Received Date: 9/9/2009

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	10/1/2009 6:08:00 PM	SW6020A	0.00033	< 0.00033	^

^ - Reissue of a previously generated report. Information has been added, updated, or revised. Information herein supersedes that of the previously issued reports.

AMERICAN WEST ANALYTICAL LABORATORIES

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84115

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mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0909160-003
Client Sample ID: PS-Hoe (452 Liters)
Collection Date: 9/9/2009
Received Date: 9/9/2009

AMERICAN WEST ANALYTICAL LABORATORIES

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84115

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	10/1/2009 6:13:48 PM	SW6020A	0.00033	**0.0011**	^

^ - Reissue of a previously generated report. Information has been added, updated, or revised. Information herein supersedes that of the previously issued reports.

INORGANIC ANALYTICAL REPORT

Client:	United Park City Mines Co.	**Contact:**	Kerry Gee
Project:	Richardson Flat		
Lab Sample ID:	0909160-004		
Client Sample ID:	PS-Hand Truck (414 Liters)		
Collection Date:	9/9/2009		
Received Date:	9/9/2009		

AMERICAN WEST ANALYTICAL LABORATORIES

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e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	10/1/2009 6:19:37 PM	SW6020A	0.00033	< 0.00033	^

^ - Reissue of a previously generated report. Information has been added, updated, or revised. Information herein supersedes that of the previously issued reports.

AMERICAN WEST ANALYTICAL LABORATORIES
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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0909160
Project: Richardson Flat

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-2963	Lead	mg/kg	SW6020A	20	20.00	0	100	85-115				10/1/2009

AMERICAN WEST ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, Utah 84115
(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0909160
Project: Richardson Flat

Dept: ME
SampType: LCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCSD-2963	Lead	mg/kg	SW6020A	20	20.00	0	100	85-115	0.132	20		10/1/2009

Insufficient sample mass/volume was received to perform MS/MSD analysis. An LCSD was added to provide prescision data.

AMERICAN WEST ANALYTICAL LABORATORIES
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(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0909160
Project: Richardson Flat

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-2963	Lead	mg/kg	SW6020A	< 0.65				-				10/1/2009

American West Analytical Laboratories

WORK ORDER Summary

REVISED 10-1-09

Sample re-analyzed by method 6020

01-Oct-09

Work Order: 0909160
WO Type: Standard

Client ID: UNI100
Contact: Kerry Gee
Project: Richardson Flat
QC Level: LEVEL II+
Reviewed by Samantha Broadhead on 9/9/2009
Comments: RMC client; QC2+; Email 2 People; Sample is a filter no pmoist. Metals by 6020 added 10/1/09-RW;

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
0909160-001A	PS-Up (510 Liters)	9/9/2009	9/9/2009 3:30:47 PM	9/23/2009	Filter	3051A-ICPMS-PR	☐	☐	☐	☐	desicator sept 9 - mei
				9/23/2009		6010C-S	☐	☐	☑	☐	desicator sept 9 - mei
	SEL Analytes: PB										
				9/23/2009		6020-S	☐	☐	☑	☐	desicator sept 9 - mei
	SEL Analytes: PB										
0909160-002A	PS-Down (477 Liters)			9/23/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator sept 9 - mei
				9/23/2009		6010C-S	☐	☐	☑	☐	desicator sept 9 - mei
	SEL Analytes: PB										
				9/23/2009		6020-S	☐	☐	☑	☐	desicator sept 9 - mei
	SEL Analytes: PB										
0909160-003A	PS-Hoe (452 Liters)			9/23/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator sept 9 - mei
				9/23/2009		6010C-S	☐	☐	☑	☐	desicator sept 9 - mei
	SEL Analytes: PB										
				9/23/2009		6020-S	☐	☐	☑	☐	desicator sept 9 - mei
	SEL Analytes: PB										
0909160-004A	PS-Hand Truck (414 Liters)			9/23/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator sept 9 - mei
				9/23/2009		6010C-S	☐	☐	☑	☐	desicator sept 9 - mei
	SEL Analytes: PB										
				9/23/2009		6020-S	☐	☐	☑	☐	desicator sept 9 - mei
	SEL Analytes: PB										

American West Analytical Laboratories

WORK ORDER Summary

09-Sep-09

Work Order: 0909160

WO Type: Standard

Client ID: UNI100

Contact: Kerry Gee

Project: Richardson Flat

QC Level: LEVEL II+

Reviewed by on

SB

Comments: RMC client; QC2+; Email 2 People; Sample is a filter no pmoist;

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
0909160-001A	PS-Up (510 Liters)	9/9/2009	9/9/2009 3:30:47 PM	9/23/2009	Filter	3051A-ICPMS-PR	☐	☐	☐	☐	desicator sept 9 - met
				9/23/2009		6010C-S	☐	☐	☑	☐	desicator sept 9 - met
	SEL Analytes: PB										
0909160-002A	PS-Down (477 Liters)			9/23/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator sept 9 - met
				9/23/2009		6010C-S	☐	☐	☑	☐	desicator sept 9 - met
	SEL Analytes: PB										
0909160-003A	PS-Hoe (452 Liters)			9/23/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator sept 9 - met
				9/23/2009		6010C-S	☐	☐	☑	☐	desicator sept 9 - met
	SEL Analytes: PB										
0909160-004A	PS-Hand Truck (414 Liters)			9/23/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator sept 9 - met
				9/23/2009		6010C-S	☐	☐	☑	☐	desicator sept 9 - met
	SEL Analytes: PB										

RMC

Laboratory Services Request Form

0909160

I. CLIENT INFORMATION

Client Name: UNITED PARK CITY MINES

Client Address: PO BOX 1450 PARK CITY, UT 84060

Client Phone: 435-608-0954

Client Fax: 435-615-1239

SEND REQUESTS TO:

American West
Analytical Laboratories
463 W. 3600 South
Salt Lake City, UT
84115

Patrick Noteboom
Phone # (801) 750-2585
Fax (801)-263-8687

II. ACCOUNT INFORMATION

Account Name:

Sample Questions- Todd Leeds RMC- 801-255-2626

TAT: Standard P.O. No: Richardson Flat

III. REPORT INSTRUCTIONS

Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266

Report Address: PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047

Please Forward Results By: US Mail (X) Fed Ex ( ) Fax (X) Othe Todd@rmc-ut.com

Services Requested below are required no later than (date)

IV. TYPE OF SERVICE REQUESTED

Please analyze the enclosed environmental samples for:

Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested
	PS-Up (510 liters)	9-9-2009	1	PJ
	PS-Down (477 ")	↓		↓
	PS- Hoe (452 ")			
	PS- Haul Truck (414 ")			
notes:	Cd detection limits must be <0.0008 ppm			

V. CHAIN OF CUSTODY RECORD

Dispatched by:		Date	Time	Courier Co. Name
Relinquished by:		Date 9-9-2009	Time 15:14	Airbill #
Received by:		Date 9/9/09	Time 1514	Custody Seal Intact?
Received for lab by:		Date	Time	Yes No

25.7

Lab Set ID: 0909160

Samples Were:	COC Tape Was:	Container Type:	No. Rec.
☐ Shipped By:	Present on Outer Package	☐ AWAL Supplied Plastic	
☑ Hand Delivered	☐ Yes ☑ No ☐ N/A	☐ AWAL Supplied Clear Glass	
☑ Ambient	Unbroken on Outer package	☐ AWAL Supplied Amber Glass	
☐ Chilled	☐ Yes ☐ No ☑ N/A	☐ AWAL Supplied VOA/TOC/TOX Vials	
Temperature 25.7 °C	Present on Sample	☐ Amber ☐ Clear ☐ Headspace ☐ No Headspace	
Rec. Broken/Leaking ☐ Yes ☑ No ☐ N/A	☐ Yes ☑ No ☐ N/A	☐ Non AWAL Supplied Container	
Notes:	Unbroken on Sample	Notes: SP	
	☐ Yes ☐ No ☑ N/A		
Properly Preserved ☑ Yes ☐ No ☐ N/A	Notes:		
Notes:			
Rec. Within Hold ☑ Yes ☐ No		Discrepancies Between Labels and COC ☐ Yes ☑ No	
Notes:		Notes:	

Bottle Type	Preservative	All pHs OK
Ammonia	pH <2 H_2SO_4	
COD	pH <2 H_2SO_4	
Cyanide	PH >12 NaOH	
Metals	pH <2 HNO_3	
NO_2 & NO_3	pH <2 H_2SO_4	
Nutrients	pH <2 H_2SO_4	
O & G	pH <2 HCL	
Phenols	pH <2 H_2SO_4	
Sulfide	pH > 9NaOH, ZnAC	
TKN	pH <2 H_2SO_4	
TOC	pH <2 H_3PO_4	
T PO_4	pH <2 H_2SO_4	
TPH	pH <2 HCL	

SP

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) Do Not dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC and notify client for further instructions
6) Place client conversation on COC
7) Samples may be adjusted at client request

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Kerry Gee
United Park City Mines Co.
PO Box 1450
Park City, UT 84060-

TEL: (435) 608-0954
FAX (435) 615-1239

RE: Richardson Flat

Lab Set ID: 0910411

Dear Kerry Gee:

American West Analytical Laboratories received 4 sample(s) on 10/22/2009 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in the following states: Utah, Colorado, Idaho, and Texas. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitaion limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit.

Thank You,

Approved by: _____
Laboratory Director or designee

INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0910411-001
Client Sample ID: PS-Up (903 Liters)
Collection Date: 10/22/2009
Received Date: 10/22/2009

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	10/26/2009 10:49:02 PM	SW6020A	0.00033	< 0.00033	

AMERICAN WEST ANALYTICAL LABORATORIES

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Fax (801) 263-8687
mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0910411-002
Client Sample ID: PS-Down (933 Liters)
Collection Date: 10/22/2009
Received Date: 10/22/2009

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	10/26/2009 11:06:30 PM	SW6020A	0.00033	< 0.00033	

INORGANIC ANALYTICAL REPORT

Client:	United Park City Mines Co.	**Contact:**	Kerry Gee
Project:	Richardson Flat		
Lab Sample ID:	0910411-003		
Client Sample ID:	PS-Hoe (846 Liters)		
Collection Date:	10/22/2009		
Received Date:	10/22/2009		

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Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	10/26/2009 11:12:19 PM	SW6020A	0.00033	< 0.00033	

INORGANIC ANALYTICAL REPORT

AMERICAN WEST ANALYTICAL LABORATORIES

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Salt Lake City, Utah
84115

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Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0910411-004
Client Sample ID: PS-Haul Truck (852 Liters)
Collection Date: 10/22/2009
Received Date: 10/22/2009

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Lead	mg/filter	10/26/2009 11:18:08 PM	SW6020A	0.00033	**0.00042**	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0910411
Project: Richardson Flat

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-3609	Lead	mg/kg	SW6020A	20	20.00	0	100	85-115				10/26/2009

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463 West 3600 South
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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0910411
Project: Richardson Flat

Dept: ME
SampType: LCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCSD-3609	Lead	mg/kg	SW6020A	20	20.00	0	98.8	85-115	1.45	20		10/26/2009

Insufficient sample mass/volume was received to perform MS/MSD analysis. An LCSD was added to provide prescision data.

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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0910411
Project: Richardson Flat

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-3609	Lead	mg/kg	SW6020A	< 0.65				-				10/26/2009

ROSH

American West Analytical Laboratories

WORK ORDER Summary

28-Oct-09

Work Order: 0910411
WO Type: Standard

Client ID: UNI100
Contact: Kerry Gee
Project: Richardson Flat
QC Level: LEVEL II+
Reviewed by Samantha Broadhead on 10/22/2009
Comments: 2 day RUSH added 10/28/09 per Todd Leeds. RMC client: Email copy of report to Todd Leeds; QC2+; Sample is a filter no pmoist.;

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
0910411-001A	PS-Up (903 Liters)	10/22/2009	10/22/2009 5:46:01 PM	10/30/2009	Filter	3051A-ICPMS-PR	☐	☐	☐	☐	desicator
				10/30/2009		6020-S	☐	☐	☑	☐	desicator
	SEL Analytes: PB										
0910411-002A	PS-Down (933 Liters)			10/30/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator
				10/30/2009		6020-S	☐	☐	☑	☐	desicator
	SEL Analytes: PB										
0910411-003A	PS-Hoe (846 Liters)			10/30/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator
				10/30/2009		6020-S	☐	☐	☑	☐	desicator
	SEL Analytes: PB										
0910411-004A	PS-Haul Truck (852 Liters)			10/30/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desicator
				10/30/2009		6020-S	☐	☐	☑	☐	desicator
	SEL Analytes: PB										

American West Analytical Laboratories

WORK ORDER Summary

22-Oct-09

Work Order: 0910411

WO Type: Standard

Client ID: UNI100

Contact: Kerry Gee

Project: Richardson Flat

QC Level: LEVEL II+

Reviewed by on

Comments: RMC client: Email copy of report to Todd Leeds; QC2+; Sample is a filter no pmoist.;

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
0910411-001A	PS-Up (903 Liters)	10/22/2009	10/22/2009 5:46:01 PM	11/5/2009	Filter	3051A-ICPMS-PR	☐	☐	☐	☐	desiccator
				11/5/2009		6020-S	☐	☐	☑	☐	desiccator
	SEL Analytes: PB										
0910411-002A	PS-Down (933 Liters)			11/5/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desiccator
				11/5/2009		6020-S	☐	☐	☑	☐	desiccator
	SEL Analytes: PB										
0910411-003A	PS-Hoe (846 Liters)			11/5/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desiccator
				11/5/2009		6020-S	☐	☐	☑	☐	desiccator
	SEL Analytes: PB										
0910411-004A	PS-Haul Truck (852 Liters)			11/5/2009		3051A-ICPMS-PR	☐	☐	☐	☐	desiccator
				11/5/2009		6020-S	☐	☐	☑	☐	desiccator
	SEL Analytes: PB										

RMC

0910411

Laboratory Services Request Form

I. CLIENT INFORMATION	SEND REQUESTS TO:
Client Name: UNITED PARK CITY MINES	American West Analytical Laboratories
Client Address: PO BOX 1450 PARK CITY, UT 84060	463 W. 3600 South Salt Lake City, UT 84115
Client Phone: 435-608-0954	
Client Fax: 435-615-1239	
II. ACCOUNT INFORMATION	
Account Name:	Patrick Noteboom
Sample Questions- Todd Leeds RMC- 801-255-2626	Phone # (801) 750-2585
	Fax (801)-263-8687

TAT: Standard **P.O. No:** Richardson Flat

III. REPORT INSTRUCTIONS

Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266

Report Address: PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047

Please Forward Results By: US Mail (X) Fed Ex ( ) Fax (X) Othe Todd@rmc-ut.com

Services Requested below are required no later than _____ (date)

IV. TYPE OF SERVICE REQUESTED

Please analyze the enclosed environmental samples for:

Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested
	PS-Up (903 Liters)	10/22/2009	1	Pb
	PS-Down (933 ")	↓	↓	↓
	PS- Hoe (846 ")			
	PS- Haul Truck (~~[illegible]~~852 ")			

notes: ~~Cd detection limits must be <0.0008 ppm~~ Lowest Available Detection Limit

V. CHAIN OF CUSTODY RECORD

Dispatched by:	Date	Time	Courier Co. Name
Relinquished by:	Date 10/22/09	Time 17:17	Airbill #
Received by:	Date 10/22/09	Time 1717	Custody Seal Intact?
Received for lab by:	Date	Time	Yes No

24.4

Lab Set ID: 0910411

Samples Were:	COC Tape Was:	Container Type:	No. Rec.
☐ Shipped By:	Present on Outer Package	☐ AWAL Supplied Plastic	
☑ Hand Delivered	☐ Yes ☑ No ☐ N/A	☐ AWAL Supplied Clear Glass	
☑ Ambient	Unbroken on Outer package	☐ AWAL Supplied Amber Glass	
☐ Chilled	☐ Yes ☐ No ☑ N/A	☐ AWAL Supplied VOA/TOC/TOX Vials	
Temperature 24.4 °C	Present on Sample	☐ Amber ☐ Clear ☐ Headspace ☐ No Headspace	
Rec. Broken/Leaking ☐ Yes ☑ No ☐ N/A	☐ Yes ☑ No ☐ N/A	☐ Non AWAL Supplied Container	
Notes:	Unbroken on Sample	Notes:	
	☐ Yes ☐ No ☑ N/A		
Properly Preserved ☑ Yes ☐ No ☐ N/A	Notes:		
Notes:			
Rec. Within Hold ☑ Yes ☐ No		Discrepancies Between Labels and COC ☐ Yes ☑ No	
Notes:		Notes:	

Bottle Type	Preservative	All pHs OK
Ammonia	pH <2 H_2SO_4	
COD	pH <2 H_2SO_4	
Cyanide	PH >12 NaOH	
Metals	pH <2 HNO_3	
NO_2 & NO_3	pH <2 H_2SO_4	
Nutrients	pH <2 H_2SO_4	
O & G	pH <2 HCL	
Phenols	pH <2 H_2SO_4	
Sulfide	pH > 9NaOH, ZnAC	
TKN	pH <2 H_2SO_4	
TOC	pH <2 H_3PO_4	
T PO_4	pH <2 H_2SO_4	
TPH	pH <2 HCL	

Procedure:
1) Pour a small amount of sample in the sample lid
2) *Pour sample from Lid gently over wide range pH paper*
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC and notify client for further instructions
6) Place client conversation on COC
7) Samples may be adjusted at client request

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

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Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Kerry Gee
United Park City Mines Co.
PO Box 1450
Park City, UT 84060-

TEL: (435) 608-0954
FAX (435) 615-1239

RE: Richardson Flat

Lab Set ID: 0909159

Dear Kerry Gee:

American West Analytical Laboratories received 1 sample(s) on 9/9/2009 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in the following states: Utah, Colorado, Idaho, and Texas. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitaion limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit.

Thank You,

Approved by: Jose G. Rocha
Laboratory Director or designee

INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0909159-001
Client Sample ID: CV-TS81409
Collection Date: 8/14/2009
Received Date: 9/9/2009

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
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ıail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/kg-dry	9/10/2009 4:00:00 PM	SW6010C	5.2	**9.0**	
Lead	mg/kg-dry	9/10/2009 4:00:00 PM	SW6010C	5.2	**21**	³

³ - Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.

AMERICAN WEST ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, Utah 84115
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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0909159
Project: Richardson Flat

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-2962	Arsenic	mg/kg	SW6010C	20	20.00	0	98.8	75-125				9/10/2009
LCS-2962	Lead	mg/kg	SW6010C	20	20.00	0	99.3	75-125				9/10/2009

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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0909159
Project: Richardson Flat

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-2962	Arsenic	mg/kg	SW6010C	< 5.0				-				9/10/2009
MB-2962	Lead	mg/kg	SW6010C	< 5.0				-				9/10/2009

AMERICAN WEST ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, Utah 84115
(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Ky F. Ford
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0909159
Project: Richardson Flat

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
0909159-001AMS	Arsenic	mg/kg-dry	SW6010C	36	21.44	8.959	125	75-125				9/10/2009
0909159-001AMS	Lead	mg/kg-dry	SW6010C	73	21.44	20.83	243	75-125			3	9/10/2009

3 - Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0909159
Project: Richardson Flat

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
0909159-001AMSD	Arsenic	mg/kg-dry	SW6010C	32	22.10	8.959	106	75-125	10.1	20		9/10/2009
0909159-001AMSD	Lead	mg/kg-dry	SW6010C	45	22.10	20.83	111	75-125	46.7	20	3	9/10/2009

3 - Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.

American West Analytical Laboratories

WORK ORDER Summary

09-Sep-09

Work Order: 0909159
WO Type: Standard

Client ID: UNI100
Contact: Kerry Gee
Project: Richardson Flat
QC Level: LEVEL II+
Comments: RMC client; QC2+; Email 2 People;

Reviewed by on

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
0909159-001A	CV-TS81409	8/14/2009	9/9/2009 3:30:39 PM	9/23/2009	Soil	3051A-ICPMS-PR	☐	☐	☐	☐	
				9/23/2009		6010C-S	☐	☐	☑	☐	
	SEL Analytes: AS PB										
				9/23/2009		PMOIST	☐	☐	☐	☐	

RMC

Laboratory Services Request Form

09090159

I. CLIENT INFORMATION

Client Name: UNITED PARK CITY MINES

Client Address: PO BOX 1450 PARK CITY, UT 84060

Client Phone: 435-608-0954

Client Fax: 435-615-1239

SEND REQUESTS TO:

American West
Analytical Laboratories
463 W. 3600 South
Salt Lake City, UT
84115

Patrick Noteboom
Phone # (801) 750-2585
Fax (801)-263-8687

II. ACCOUNT INFORMATION

Account Name:

Sample Questions- **Todd Leeds RMC- 801-255-2626**

TAT: Standard P.O. No: Richardson Flat

III. REPORT INSTRUCTIONS

Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266

Report Address: PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047

Please Forward Results By: US Mail (X) Fed Ex ( ) Fax (X) Othe Todd@rmc-ut.com

Services Requested below are required no later than _____ (date)

IV. TYPE OF SERVICE REQUESTED

Please analyze the enclosed environmental samples for:

Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested
	CV- TS 81409	8-14-2009	1	Pb + As

notes: Cd detection limits must be <0.0008 ppm

V. CHAIN OF CUSTODY RECORD

Dispatched by:		Date	Time	Courier Co. Name
Relinquished by:		Date 9-9-2009	Time 15:14	Airbill #
Received by:		Date 9/9/09	Time 1514	Custody Seal Intact?
Received for lab by:		Date	Time	Yes No

25.7

Lab Set ID: 0909159

Samples Were:	COC Tape Was:	Container Type:	No. Rec.
☐ Shipped By:	Present on Outer Package	☐ AWAL Supplied Plastic	
☑ Hand Delivered	☐ Yes ☑ No ☐ N/A	☐ AWAL Supplied Clear Glass	
☑ Ambient	Unbroken on Outer package	☐ AWAL Supplied Amber Glass	
☐ Chilled	☐ Yes ☐ No ☑ N/A	☐ AWAL Supplied VOA/TOC/TOX Vials	
Temperature 25.7 °C	Present on Sample	☐ Amber ☐ Clear ☐ Headspace ☐ No Headspace	
Rec. Broken/Leaking ☐ Yes ☑ No ☐ N/A	☐ Yes ☑ No ☐ N/A	☐ Non AWAL Supplied Container	
Notes:	Unbroken on Sample	Notes: SB	
	☐ Yes ☐ No ☑ N/A		
Properly Preserved ☑ Yes ☐ No ☐ N/A	Notes:		
Notes:			
Rec. Within Hold ☑ Yes ☐ No		Discrepancies Between Labels and COC ☐ Yes ☑ No	
Notes:		Notes:	

Bottle Type	Preservative	All pHs OK
Ammonia	pH <2 H_2SO_4	
COD	pH <2 H_2SO_4	
Cyanide	PH >12 NaOH	
Metals	pH <2 HNO_3	
NO_2 & NO_3	pH <2 H_2SO_4	
Nutrients	pH <2 H_2SO_4	
O & G	pH <2 HCL	
Phenols	pH <2 H_2SO_4	
Sulfide	pH > 9NaOH, ZnAC	
TKN	pH <2 H_2SO_4	
TOC	pH <2 H_3PO_4	
T PO_4	pH <2 H_2SO_4	
TPH	pH <2 HCL	

SB

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC and notify client for further instructions
6) Place client conversation on COC
7) Samples may be adjusted at client request

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Kerry Gee
United Park City Mines Co.
PO Box 1450
Park City, UT 84060-

TEL: (435) 608-0954
FAX (435) 615-1239

RE: Richardson Flat

Lab Set ID: 0910412

Dear Kerry Gee:

American West Analytical Laboratories received 2 sample(s) on 10/22/2009 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in the following states: Utah, Colorado, Idaho, and Texas. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitaion limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit.

Thank You,

Approved by: _____
Laboratory Director or designee

INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0910412-001
Client Sample ID: CUB1W-1
Collection Date: 10/13/2009
Received Date: 10/22/2009

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/kg-dry	10/28/2009 4:03:00 PM	SW6010C	6.1	18	3
Lead	mg/kg-dry	10/28/2009 4:03:00 PM	SW6010C	6.1	37	3

3 - Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.

INORGANIC ANALYTICAL REPORT

Client:	United Park City Mines Co.	**Contact:**	Kerry Gee
Project:	Richardson Flat		
Lab Sample ID:	0910412-002		
Client Sample ID:	SLB1W-1		
Collection Date:	10/13/2009		
Received Date:	10/22/2009		

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/kg-dry	10/28/2009 4:19:00 PM	SW6010C	5.3	**80**	
Lead	mg/kg-dry	10/28/2009 4:19:00 PM	SW6010C	5.3	**1,200**	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0910412
Project: Richardson Flat

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-3618	Arsenic	mg/kg	SW6010C	16	20.00	0	81.8	75-125				10/28/2009
LCS-3618	Lead	mg/kg	SW6010C	19	20.00	1.054	91.1	75-125				10/28/2009

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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0910412
Project: Richardson Flat

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-3618	Arsenic	mg/kg	SW6010C	< 5.0				-				10/28/2009
MB-3618	Lead	mg/kg	SW6010C	< 5.0				-				10/28/2009

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0910412
Project: Richardson Flat

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
0910412-001AMS	Arsenic	mg/kg-dry	SW6010C	37	24.93	17.95	75.7	75-125				10/28/2009
0910412-001AMS	Lead	mg/kg-dry	SW6010C	75	24.93	37.44	150	75-125			3	10/28/2009

3 - Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0910412
Project: Richardson Flat

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
0910412-001AMSD	Arsenic	mg/kg-dry	SW6010C	34	23.86	17.95	68.7	75-125	7.03	20	[3]	10/28/2009
0910412-001AMSD	Lead	mg/kg-dry	SW6010C	61	23.86	37.44	99.0	75-125	20.2	20	[3]	10/28/2009

[3] - *Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.*

RUSH

American West Analytical Laboratories

WORK ORDER Summary

28-Oct-09

Work Order: 0910412
WO Type: Standard

Client ID: UNI100
Contact: Kerry Gee
Project: Richardson Flat
QC Level: LEVEL II+
Reviewed by Samantha Broadhead on 10/22/2009
Comments: 2 day RUSH added 10/28/09 per Todd Leeds. RMC client: Email copy of report to Todd Leeds; QC2+;

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
0910412-001A	CUB1W-1	10/13/2009	10/22/2009 5:56:49 PM	10/30/2009	Soil	3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				10/30/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: AS PB										
				10/30/2009		PMOIST	☐	☐	☐	☐	df - met
0910412-002A	SLB1W-1			10/30/2009		3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				10/30/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: AS PB										
				10/30/2009		PMOIST	☐	☐	☐	☐	df - met

American West Analytical Laboratories

WORK ORDER Summary

22-Oct-09

Work Order: 0910412

WO Type: Standard

Client ID: UNI100

Contact: Kerry Gee

Project: Richardson Flat

QC Level: LEVEL II+

Reviewed by on

Comments: RMC client: Email copy of report to Todd Leeds; QC2+;

HOK-DB

SPS

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
0910412-001A	CUB1W-1	10/13/2009	10/22/2009 5:56:49 PM	11/5/2009	Soil	3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				11/5/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: AS PB										
				11/5/2009		PMOIST	☐	☐	☐	☐	df - met
0910412-002A	SLB1W-1			11/5/2009		3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				11/5/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: AS PB										
				11/5/2009		PMOIST	☐	☐	☐	☐	df - met

RMC

Laboratory Services Request Form

0910412

I. CLIENT INFORMATION

Client Name: UNITED PARK CITY MINES

Client Address: PO BOX 1450 PARK CITY, UT 84060

Client Phone: 435-608-0954

Client Fax: 435-615-1239

SEND REQUESTS TO:

American West
Analytical Laboratories
463 W. 3600 South
Salt Lake City, UT
84115

Patrick Noteboom
Phone # (801) 750-2585
Fax (801)-263-8687

II. ACCOUNT INFORMATION

Account Name:

Sample Questions- Todd Leeds RMC- 801-255-2626

TAT: Standard **P.O. No:** Richardson Flat

III. REPORT INSTRUCTIONS

Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266

Report Address: PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047

Please Forward Results By: US Mail (X) Fed Ex ( ) Fax (X) Othe Todd@rmc-ut.com

Services Requested below are required no later than _____ (date)

IV. TYPE OF SERVICE REQUESTED

Please analyze the enclosed environmental samples for:

Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested
	CUB1 W-1	10/13/09	1	Pb, As
	SL R1W-1	10/13/09	1	Pb, As
notes:	Cd detection limits must be <0.0008 ppm			

V. CHAIN OF CUSTODY RECORD

Dispatched by:	Date	Time	Courier Co. Name
Relinquished by:	Date 10/22/09	Time 17:17	Airbill #
Received by:	Date 10/22/09	Time 1717	Custody Seal Intact?
Received for lab by:	Date	Time	Yes No

24.4

Lab Set ID: 0910412

Samples Were:	COC Tape Was:	Container Type:	No. Rec.
☐ Shipped By:	Present on Outer Package	☐ AWAL Supplied Plastic	
☑ Hand Delivered	☐ Yes ☐ No ☐ N/A	☐ AWAL Supplied Clear Glass	
☑ Ambient	Unbroken on Outer package	☐ AWAL Supplied Amber Glass	
☐ Chilled	☐ Yes ☐ No ☐ N/A	☐ AWAL Supplied VOA/TOC/TOX Vials	
Temperature 24.4 °C	Present on Sample	☐ Amber ☐ Clear ☐ Headspace ☐ No Headspace	
Rec. Broken/Leaking ☐ Yes ☑ No ☐ N/A	☐ Yes ☐ No ☐ N/A	☐ Non AWAL Supplied Container	
Notes:	Unbroken on Sample	Notes: SMS	
Properly Preserved ☑ Yes ☐ No ☐ N/A	☐ Yes ☐ No ☐ N/A		
Notes:	Notes:		
Rec. Within Hold ☑ Yes ☐ No		Discrepancies Between Labels and COC ☐ Yes ☑ No	
Notes:		Notes:	

Bottle Type	Preservative	All pHs OK
Ammonia	pH <2 H_2SO_4	
COD	pH <2 H_2SO_4	
Cyanide	PH >12 NaOH	
Metals	pH <2 HNO_3	
NO_2 & NO_3	pH <2 H_2SO_4	
Nutrients	pH <2 H_2SO_4	
O & G	pH <2 HCL	
Phenols	pH <2 H_2SO_4	
Sulfide	pH > 9NaOH, ZnAC	
TKN	pH <2 H_2SO_4	
TOC	pH <2 H_3PO_4	
T PO_4	pH <2 H_2SO_4	
TPH	pH <2 HCL	

SMS

Procedure:
1) Pour a small amount of sample in the sample lid
2) *Pour sample from Lid gently over wide range pH paper*
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC and notify client for further instructions
6) Place client conversation on COC
7) *Samples may be adjusted at client request*

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Laboratory Director

Jose Rocha
QA Officer

Kerry Gee
United Park City Mines Co.
PO Box 1450
Park City, UT 84060-

TEL: (435) 608-0954
FAX (435) 615-1239

RE: Richardson Flat

Lab Set ID: 0911289

Dear Kerry Gee:

American West Analytical Laboratories received 2 sample(s) on 11/16/2009 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in the following states: Utah, Colorado, Idaho, and Texas. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitaion limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit.

This is a revised report for a report originally issued 11-17-2009. By client request, Arsenic is being reported.

Thank You,

Approved by: _____
Laboratory Director or designee

INORGANIC ANALYTICAL REPORT

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
mail: awal@awal-labs.com

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0911289-001
Client Sample ID: RFSL-111609-A
Collection Date: 11/16/2009 11:30:00 AM
Received Date: 11/16/2009

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/kg-dry	11/16/2009 4:29:00 PM	SW6010C	5.7	13	^
Lead	mg/kg-dry	11/16/2009 4:29:00 PM	SW6010C	5.7	77	³

^ - Reissue of a previously generated report. Information has been added, updated, or revised. Information herein supersedes that of the previously issued reports.

³ - Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat
Lab Sample ID: 0911289-002
Client Sample ID: RFSL-111609-B
Collection Date: 11/16/2009 11:40:00 AM
Received Date: 11/16/2009

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/kg-dry	11/16/2009 4:46:00 PM	SW6010C	5.8	**14**	^
Lead	mg/kg-dry	11/16/2009 4:46:00 PM	SW6010C	5.8	**150**	

^ - Reissue of a previously generated report. Information has been added, updated, or revised. Information herein supersedes that of the previously issued reports.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0911289
Project: Richardson Flat

Dept: ME
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-3899	Arsenic	mg/kg	SW6010C	20	20.00	0	100	75-125				11/16/2009
LCS-3899	Lead	mg/kg	SW6010C	19	20.00	0.1415	93.7	75-125				11/16/2009

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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0911289
Project: Richardson Flat

Dept: ME
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-3899	Arsenic	mg/kg	SW6010C	< 5.0				-				11/16/2009
MB-3899	Lead	mg/kg	SW6010C	< 5.0				-				11/16/2009

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0911289
Project: Richardson Flat

Dept: ME
SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
0911289-001AMS	Arsenic	mg/kg-dry	SW6010C	37	23.84	13.18	99.0	75-125				11/16/2009
0911289-001AMS	Lead	mg/kg-dry	SW6010C	130	23.84	77.20	235	75-125			3	11/16/2009

3 - Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.

AMERICAN WEST ANALYTICAL LABORATORIES
463 West 3600 South
Salt Lake City, Utah 84115
(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

CLIENT: United Park City Mines Co.
Lab Set ID: 0911289
Project: Richardson Flat

Dept: ME
SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
0911289-001AMSD	Arsenic	mg/kg-dry	SW6010C	36	23.07	13.18	101	75-125	1.00	20		11/16/2009
0911289-001AMSD	Lead	mg/kg-dry	SW6010C	89	23.07	77.20	52.6	75-125	39.4	20	3	11/16/2009

3 - Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.

American West Analytical Laboratories

REVISED SD 11/17/09

Add Arsenic per Todd

HSRL

WORK ORDER Summary

17-Nov-09

Work Order: 0911289

WO Type: Standard

Client ID: UNI100

Contact: Kerry Gee

Project: Richardson Flat

QC Level: LEVEL II+

Reviewed by Denise Bruun on 11/16/2009

Comments: RMC client: Email copy of report to Todd Leeds; QC2+; Next Day Rush; Added As per Todd, 11/17/2009.;

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
0911289-001A	RFSL-111609-A	11/16/2009 11:30:00 AM	11/16/2009 1:20:47 PM	11/17/2009	Soil	3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				11/17/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: AS PB										
				11/17/2009		PMOIST	☐	☐	☐	☐	df - met
0911289-002A	RFSL-111609-B	11/16/2009 11:40:00 AM		11/17/2009		3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				11/17/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: AS PB										
				11/17/2009		PMOIST	☐	☐	☐	☐	df - met

American West Analytical Laboratories

RUSH

emailed 11/17/09

WORK ORDER Summary

16-Nov-09

Work Order: 0911289

WO Type: Standard

Client ID: UNI100

Contact: Kerry Gee

Project: Richardson Flat

QC Level: LEVEL II+

Reviewed by on

Comments: RMC client: Email copy of report to Todd Leeds; QC2+; Next Day Rush;

Hold Rush HOLD-DB

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
0911289-001A	RFSL-111609-A	11/16/2009 11:30:00 AM	11/16/2009 1:20:47 PM	11/17/2009	Soil	3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				11/17/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: PB										
				11/17/2009		PMOIST	☐	☐	☐	☐	df - met
0911289-002A	RFSL-111609-B	11/16/2009 11:40:00 AM		11/17/2009		3051A-ICPMS-PR	☐	☐	☐	☐	df - met
				11/17/2009		6010C-S	☐	☐	☑	☐	df - met
	SEL Analytes: PB										
				11/17/2009		PMOIST	☐	☐	☐	☐	df - met

RMC

Laboratory Services Request Form

0911289

I. CLIENT INFORMATION

Client Name: UNITED PARK CITY MINES

Client Address: PO BOX 1450 PARK CITY, UT 84060

Client Phone: 435-608-0954

Client Fax: 435-615-1239

SEND REQUESTS TO:

American West
Analytical Laboratories
463 W. 3600 South
Salt Lake City, UT
84115

Patrick Noteboom
Phone # (801) 750-2585
Fax (801)-263-8687

II. ACCOUNT INFORMATION

Account Name:

Sample Questions- **Todd Leeds** | **RMC- 801-255-2626**

TAT: **P.O. No:** Richardson Flat

III. REPORT INSTRUCTIONS

Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266

Report Address: PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047

Please Forward Results By: US Mail (X) Fed Ex ( ) Fax (X) Other Todd@rmc-ut.com

Services Requested below are required no later than Rush - 24h (date)

IV. TYPE OF SERVICE REQUESTED

Please analyze the enclosed environmental samples for:

Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested
	RFSL-111609-A	11/16/09 11:30am	1	Pb * > Rush - 24hr
	RFSL-111609-B	11/16/09 11:40am	1	Pb
				* As added per Todd Leeds SPD 11/17/09.

notes: Cd detection limits must be <0.0008 ppm, all detection limits should be as low as pratical.

V. CHAIN OF CUSTODY RECORD

Dispatched by:		Date	Time	Courier Co. Name
Relinquished by:		Date 11/16/09	Time 13:19 pm	Airbill #
Received by:		Date 11/16/09	Time 13:19	Custody Seal Intact?
Received for lab by:		Date	Time	Yes No

19.8

Lab Set ID: 0911289

Samples Were:	COC Tape Was:	Container Type:	No. Rec.
☐ Shipped By:	Present on Outer Package	☐ AWAL Supplied Plastic	
☑ Hand Delivered	☐ Yes ☑ No ☐ N/A	☐ AWAL Supplied Clear Glass	
☑ Ambient	*Unbroken on Outer package*	☐ AWAL Supplied Amber Glass	
☐ Chilled	☐ Yes ☐ No ☑ N/A	☐ AWAL Supplied VOA/TOC/TOX Vials	
Temperature 19.8 °C	Present on Sample	☐ Amber ☐ Clear ☐ Headspace ☐ No Headspace	
Rec. Broken/Leaking ☐ Yes ☑ No ☐ N/A	☐ Yes ☑ No ☐ N/A	☐ Non AWAL Supplied Container	
Notes:	Unbroken on Sample	Notes: SM	
	☐ Yes ☐ No ☑ N/A		
Properly Preserved ☑ Yes ☐ No ☐ N/A	Notes:		
Notes:			
Rec. Within Hold ☑ Yes ☐ No		Discrepancies Between Labels and COC ☐ Yes ☑ No	
Notes:		Notes:	

Bottle Type	Preservative	All pHs OK													
Ammonia	pH <2 H_2SO_4														
COD	pH <2 H_2SO_4														
Cyanide	PH >12 NaOH														
Metals	pH <2 HNO_3														
NO_2 & NO_3	pH <2 H_2SO_4														
Nutrients	pH <2 H_2SO_4														
O & G	pH <2 HCL														
Phenols	pH <2 H_2SO_4														
Sulfide	pH > 9NaOH, ZnAC														
TKN	pH <2 H_2SO_4														
TOC	pH <2 H_3PO_4														
T PO_4	pH <2 H_2SO_4														
TPH	pH <2 HCL														

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC and notify client for further instructions
6) Place client conversation on COC
7) Samples may be adjusted at client request

SM

Sami Broadhead

From: Melanie Humphrey
Sent: Tuesday, November 17, 2009 1:35 PM
To: John Williams
Cc: Rebekah Winkler; Sami Broadhead
Subject: 0911289 As

Todd Leeds just called and he was wondering if he can have the As results to be reported out for 0911289-001 & -002. This was a RUSH due today.

-Melanie